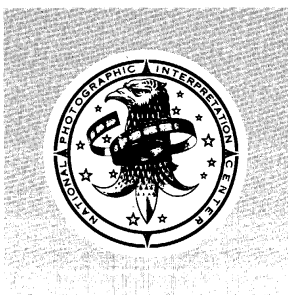


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

PHOТОGRAPHIC
EXPLOITATION
PRODUCTS

ANNUAL INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JANUARY-DECEMBER 1976

Declass Review by NIMA/DOD

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PHOTOGRAPHIC EXPLOITATION PRODUCTS

ANNUAL INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JANUARY-DECEMBER 1976

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INTRODUCTION

25X1 The Index to Photographic Exploitation Products is a guide to the contents of reports and memoranda produced by means of photographic interpretation. These are added to the Exploitation Products Data File (EPF) of the National Base of Image-Derived Information (NBIDI) when received by the National Photographic Interpretation Center (NPIC). The index includes imagery interpretation reports produced by various components of the Army, Navy, Air Force, Central Intelligence Agency, Defense Intelligence Agency, [] as well as those produced by NPIC. At the request of the intelligence community, this publication is compiled and published quarterly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

Listed documents are on file in NPIC, and microfiche copies are available to requesters when parent organizations are unable to provide copies. Information, such as bibliographies on specific subjects, is available from the EPF to answer requests which cannot be satisfied from the PEP.

Requests for regular distribution of the PEP, for additional information from the EPF, or for microfiche copies of documents should be channeled through appropriate liaison offices located in NPIC. Organizations which do not have a liaison office in NPIC should submit the request in writing to: NPIC/PSG/RSD/IB.

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GUIDE TO USERS

The PEP consists of six indexes:

- Subject in alphabetic sequence.
- Originator in report type/number sequence.
- General category with subject in alphabetic sequence.
- Geographic coordinate sequence. (Geographic coordinates are listed where a single area is involved.)

- WAC/BE number sequence.
- Accession number sequence.

The accession number sequence may be referred to for complete information on each document, including edited abstracts. An asterisk at the end of an abstract indicates the abstract was prepared by the Reports Analysis Section. Selected information is contained in the other sequences. The accession number should be used when requesting microfiche copies of documents.

TYPICAL ACCESSION CITATION

AF REPT 15-72 14 AUG 72 SEC CLASS: 07 MSN: 3P ACCN: S059381 25X1
BYDGOSZCZ AIRFIELD HANGARETTES U/C COVER NEW PL 530548N 0175843E 25X1
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 20-A 25X1
IDHS CODE: EP F CAT : 05A COMIREX NO: 25X1

COMMENTS AND QUERIES REGARDING THIS REPORT ARE WELCOMED.
THEY MAY BE DIRECTED TO NPIC/PSG/RSD/IB/RAS,

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ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES

BIIB - Basic Imagery Interpretation Brief
BIIR - Basic Imagery Interpretation Report
BREF - Photographic Interpretation Brief
DPIR - Detailed Photographic Interpretation Report
ENDR - Engineering Drawing

HM - Imagery Interpretation Memorandum

INFR - Inter-office Memorandum

IRA - Imagery Research Aid

LOT - Letter of Transmittal

MCP - Mission Track

MEMO - Memorandum

MODL - Model Announcement

NBRG - National Basic Reference Graphic

NEWS - Technical Newsletter

NOTE - Photographic Interpretation Note

PIN - Photographic Interpretation Note

PIR - Photographic Interpretation Report

REPT - Photographic Interpretation Report

SPIR - Special Photographic Intelligence Report

SUMP - Summary

TP - Technical Publication

SECURITY CLASSIFICATION

00 - UNCLASSIFIED

04 - SECRET

05 - SECRET

07 - CONFIDENTIAL

08 - CONFIDENTIAL

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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

AF - AIR FORCE

ARMY - ARMY

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NSA - NATIONAL SECURITY AGENCY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

CIA - CENTRAL INTELLIGENCE AGENCY

DIA - DEFENSE INTELLIGENCE AGENCY

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

SAC - SAC (544th RTS)

SAC-1 - SAC-1 (8th RTS)

SAC-2 - SAC-2 (3921 ST RTS)

SAC-C - SAC-C (15th RTS)

STL - SPACE TECHNOLOGY LABORATORY

JOINT - JOINT (2 or more USIB members participating)

USIB - UNITED STATES INTELLIGENCE BOARD

NAVY - NAVY

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EPF SUBJECT CATEGORIES

05 - AIR ACTIVITY

Airfields, seaplane stations, aircraft, storage, production, research, training, aerohydrodynamic vehicles, and air defense activity.

10 - GENERAL ACTIVITY

Complex studies, unidentified installations/equipment, and terrain or agriculture analyses.

13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS ACTIVITY

Radar and radio installations/equipment, missile, air, naval related installations/equipment, production, research, testing.

30 - INDUSTRIAL ACTIVITY

Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see NAVAL. For nuclear power plants, see NUCLEAR.)

35 - MILITARY ACTIVITY

Ground force installations/equipment, production, testing, research, and repair.

40 - MISSILES & SPACE ACTIVITY

Sites, research, production, storage, and equipment.

55 - NUCLEAR ACTIVITY

Mining, production, research, testing, storage, and nuclear power plants.

60 - OVERLAYS/PLOTS

Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.

65 - RESEARCH AND DEVELOPMENT ACTIVITY

Technical publications and miscellaneous R&D installations.

75 - NAVAL ACTIVITY

Submarine bases, naval bases and air stations, shipyards, research, and equipment.

80 - STORAGE ACTIVITY (NON-MILITARY)

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE ACTIVITY

Road and rail activity, pipelines, and canal systems.

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PART I

Listing of Reports Alphabetically

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PART II

Listing of Reports by Originator

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	BIIR	RFB22-5001-76	AUG 75		07	S074638
AF	BIIR	RFB22-5002-76	DEC 75		05	S076608
AF	BIIR	RFB22-5003-76	DEC 75		05	S076919
AF	BIIR	RFB22-5004-76	DEC 75		04	S076920
AF	BIIR	RFB22-5006-76	MAY 76		07	S076966
AF	BIIR	RFB22-5007-76	JUN 76		04	S077187
AF	BIIR	RFB22-5009-76	MAY 76		05	S076967
AF	BREF	BEE04-8005-76	29 FEB 76		05	S076904
AF	BREF	BEE04-8006-76	29 FEB 76		05	S076905
AF	BREF	BEE04-8007-76	05 MAR 76		05	S075960
AF	BREF	BEE04-8009-76	26 MAR 76		05	S076403
AF	BREF	BEE04-8011-76	14 MAY 76		05	S076910
AF	BREF	BEE04-8017-76	23 JUL 76		05	S077670
AF	BREF	BEE05-8013-76	21 MAY 76		05	S076911
AF	BREF	BEE05-8015-76	21 JUN 76		05	S077845
AF	BREF	BEE10-8004-76	08 DEC 75		05	S075142
AF	BREF	BEE10-8014-76	27 MAY 76		05	S077850
AF	BREF	BEE22-8008-76	05 MAR 76		05	S075966
AF	BREF	BEE22-8010-76	26 MAR 76		05	S076402
AF	BREF	BEE24-8003-76	07 NOV 75		05	S075143
AF	ENDR	A1005-76	17 MAR 76		08	S076219

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	ENDR	A1014-75	15 OCT 75		07	S074357
AF	ENDR	A3002-76	19 MAR 76		07	S076274
AF	ENDR	A3009-75	22 OCT 75		07	S074775
AF	ENDR	B1015-75	15 OCT 75		07	S074355
AF	ENDR	B1016-76	06 JUL 76		08	S077214
AF	ENDR	C1006-76	03 MAR 76		05	S076228
AF	ENDR	C1010-76	25 MAR 76		07	S076226
AF	ENDR	C3003-76	01 MAR 76		07	S076229
AF	ENDR	C3007-76	20 AUG 76		07	S077811
AF	ENDR	C4001-75	13 NOV 75		07	S074779
AF	ENDR	D1008-76	24 MAR 76		05	S076543
AF	ENDR	D1009-75	03 NOV 75		07	S074783
AF	ENDR	D1016-75	29 OCT 75		04	S074784
AF	ENDR	D1018-76	19 JUL 76		04	S077467
AF	ENDR	D2001-76	01 APR 76		07	S076236
AF	ENDR	D3008-75	15 AUG 75		05	S074362
AF	ENDR	E1001-76	10 FEB 76		08	S076080
AF	ENDR	E1002-76	10 FEB 76		08	S076081
AF	ENDR	E1004-76	23 FEB 76		07	S076082
AF	ENDR	E1009-76	01 APR 76		07	S076262

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	ENDR	E1013-76	24 JUN 76		08	S077468
AF	ENDR	E1017-76	19 JUL 76		04	S077413
AF	ENDR	E1018-75	19 DEC 75		05	S075379
AF	ENDR	E3005-76	25 AUG 76		05	S077825
AF	ENDR	B1015-1-74	11 MAR 76		07	S076220
AF	ENDR	D1020-1-74	16 MAR 76		07	S076235
AF	ENDR	D4003-2-73	19 FEB 76		05	S076239
AF	ENDR	E1005-1-75	21 JUL 76		04	S077819
AF	ENDR	E1006-1-75	21 JUL 76		04	S077820
AF	ENDR	E1012-1-74	25 MAR 76		04	S076263
AF	ENDR	E1021-2-74	25 MAR 76		04	S076265
AF	NBRG	NDA07-5008-76	23 JAN 76		05	S075207
AF	NBRG	NDA07-5009-76	23 JAN 76		05	S075208
AF	NBRG	NDA07-5010-76	23 JAN 76		05	S075209
AF	NBRG	NDA07-5011-76	23 JAN 76		05	S075210
AF	NBRG	NDA07-5012-76	03 MAR 76		05	S075479
AF	NBRG	NDA07-5013-76	03 MAR 76		05	S075480
AF	NBRG	NDA07-5014-76	08 MAR 76		05	S075820
AF	NBRG	NDA07-5015-76	08 MAR 76		05	S075821
AF	NBRG	NDA07-5016-76	08 MAR 76		05	S075822
AF	NBRG	NDA07-5017-76	08 MAR 76		05	S075823

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	NBRG	NDA07-5018-76	08 MAR 76		05	S075824
AF	NBRG	NDA07-5019-76	08 MAR 76		05	S075825
AF	NBRG	NDA07-5020-76	08 MAR 76		05	S075826
AF	NBRG	NDA07-5021-76	08 MAR 76		05	S075827
AF	NBRG	NDA07-5022-76	02 JUN 76		05	S076679
AF	NBRG	NDA07-5023-76	02 JUN 76		05	S076680
AF	NBRG	NDA07-5024-76	14 JUN 76		05	S076954
AF	NBRG	NDA07-5025-76	14 JUN 76		05	S076955
AF	NBRG	NDA07-5026-76	14 JUN 76		05	S076956
AF	NBRG	NDA07-5115-76	19 APR 76		05	S076329
AF	REPT	1-76	13 JAN 76		07	S075343
AF	REPT	2-76	11 FEB 76		07	S076043
AF	REPT	3-76	12 JAN 76		04	S076044
AF	REPT	4-76	JAN 76		07	S076213
AF	REPT	5-76	10 MAR 76		07	S076214
AF	REPT	6-76	23 MAR 76		07	S076215
AF	REPT	7-75	06 OCT 75		05	S074314
AF	REPT	7-76	19 MAY 76		07	S077195
AF	REPT	8-75	14 JAN 76		05	S075344
AF	REPT	8-76	30 JUN 76		05	S077449

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	REPT	9-75	06 JAN 76		07	S075342
AF	REPT	9-76	02 JUL 76		05	S077775
ARMY	BIIB	BAC24-5002-76	SEP 76		07	S077663
ARMY	BIIR	RAC24-5002-76	OCT 75		05	S074456
ARMY	BIIR	RAC24-5003-76	DEC 75		05	S075477
ARMY	BIIR	RAC24-5005-76	DEC 75		05	S075018
ARMY	BREF	BAC24-5001-76	DEC 75		08	S075136
ARMY	LOT	912-75	12 SEP 75		05	S075138
ARMY	NOTE	11-76	SEP 76		05	S077830
ARMY	NOTE	26-75	OCT 75		05	S075974
ARMY	REPT	RAC24-5004-76	MAR 76		08	S076613
ARMY	REPT	RAC24-8002-76	APR 76		05	S077831
ARMY	REPT	RAC24-8003-76	JUL 76		05	S077832
ARMY	REPT	RAC24-8004-76	AUG 76		05	S077833
ARMY	TP	TP001-76	SEP 76		04	S077904
ARMY	TP	TP002-76	APR 76		08	S076923

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
CIA	BIIR	RCS13-0012-76	MAY 76		05	S076663
CIA	BIIR	RCS13-0016-76	JUN 76		05	S077122
CIA	BIIR	RCS13-0018-76	MAY 76		05	S076958
CIA	BIIR	RCS13-0019-76	JUN 76		05	S077006
CIA	BIIR	RCS13-0020-76	MAY 76		05	S076959
CIA	BIIR	RCS13-0021-76	JUL 76		05	S077129
CIA	BIIR	RCS13-0022-76	JUL 76		05	S077232
CIA	BIIR	RCS13-0031-76	JUN 76		05	S077041
CIA	BIIR	RCS13-0032-76	JUL 76		05	S077166
CIA	BIIR	RCS13-0033-76	JUN 76		05	S077130
CIA	BIIR	RCS13-0035-76	AUG 76		05	S077667
CIA	INFR	ERD136-76	30 APR 76		05	S076629
CIA	INFR	LFD003-76	12 MAR 76		05	S075813
CIA	INFR	MSD099-76	08 APR 76		05	S076137
CIA	INFR	MSD161-76	28 JUN 76		05	S077107
CIA	INFR	TSD177-76	25 AUG 76		05	S077602
DIA	IIM	5D-05442-76	30 AUG 76		05	S077552
DIA	IIM	5D-05497-76	14 SEP 76		05	S077660
DIA	NBRG	NDA07-5001-76	08 DEC 75		05	S074633

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	NBRG	NDA07-5002-76	09 DEC 75		05	S074621
DIA	NBRG	NDA07-5003-76	09 DEC 75		05	S074622
DIA	NBRG	NDA07-5004-76	09 DEC 75		05	S074623
DIA	NBRG	NDA07-5005-76	09 DEC 75		05	S074624
DIA	NBRG	NDA07-5006-76	15 DEC 75		05	S074724
DIA	NBRG	NDA07-5007-76	15 DEC 75		05	S074725
DIA	NBRG	NDA07-5027-76	07 JUL 76		05	S077034
DIA	NBRG	NDA07-5028-76	30 JUL 76		05	S077307
DIA	NBRG	NDA07-5029-76	30 JUL 76		05	S077308
DIA	NBRG	NDA07-5030-76	30 JUL 76		05	S077309
DIA	NBRG	NDA07-5031-76	30 JUL 76		05	S077310
DIA	NBRG	NDA07-5032-76	30 JUL 76		05	S077311
DIA	NBRG	NDA07-5033-76	30 JUL 76		05	S077312
DIA	NBRG	NDA07-5034-76	30 JUL 76		05	S077313
DIA	NBRG	NDA07-5035-76	30 JUL 76		05	S077314
DIA	NBRG	NDA07-5036-76	30 JUL 76		05	S077315
DIA	NBRG	NDA07-5037-76	30 JUL 76		05	S077316
DIA	NBRG	NDA07-5038-76	30 JUL 76		05	S077317
DIA	NBRG	NDA07-5039-76	30 JUL 76		05	S077318
DIA	NBRG	NDA07-5040-76	30 JUL 76		05	S077319
DIA	NBRG	NDA07-5041-76	30 JUL 76		05	S077320

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DIA	NBRG	NDA07-5042-76	30 JUL 76		05	S077321
DIA	NBRG	NDA07-5043-76	30 JUL 76		05	S077322
DIA	NBRG	NDA07-5044-76	30 JUL 76		05	S077323
DIA	NBRG	NDA07-5045-76	30 JUL 76		05	S077324
DIA	NBRG	NDA07-5046-76	30 JUL 76		05	S077325
DIA	NBRG	NDA07-5047-76	30 JUL 76		05	S077326
DIA	NBRG	NDA07-5048-76	30 JUL 76		05	S077327
DIA	NBRG	NDA07-5049-76	30 JUL 76		05	S077328
DIA	NBRG	NDA07-5050-76	23 AUG 76		05	S077532
DIA	NBRG	NDA07-5051-76	23 AUG 76		05	S077533
DIA	NBRG	NDA07-5052-76	23 AUG 76		05	S077534
DIA	NBRG	NDA07-5053-76	23 AUG 76		05	S077535
DIA	NBRG	NDA07-5054-76	23 AUG 76		05	S077536
DIA	NBRG	NDA07-5055-76	23 AUG 76		05	S077537
DIA	NBRG	NDA07-5056-76	31 AUG 76		05	S077518
DIA	NBRG	NDA07-5057-76	31 AUG 76		05	S077519
DIA	NBRG	NDA07-5058-76	31 AUG 76		05	S077520
DIA	NBRG	NDA07-5059-76	05 OCT 76		05	S077772
DIA	NBRG	NDA07-5060-76	20 SEP 76		05	S077867
DIA	NBRG	NDA07-5061-76	20 SEP 76		05	S077868

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	NBRG	NDA07-5062-76	20 SEP 76		05	S077869
DIA	NBRG	NDA07-5063-76	20 SEP 76		05	S077870
DIA	NBRG	NDA07-5064-76	20 SEP 76		05	S077871
DIA	NBRG	NDA07-5065-76	20 SEP 76		05	S077872
DIA	NBRG	NDA07-5066-76	20 SEP 76		05	S077873
DIA	NBRG	NDA07-5067-76	20 SEP 76		05	S077874
DIA	NBRG	NDA07-5068-76	20 SEP 76		05	S077875
DIA	NBRG	NDA07-5069-76	20 SEP 76		05	S077876
DIA	NBRG	NDA07-5070-76	20 SEP 76		05	S077877
DIA	NBRG	NDA07-5071-76	20 SEP 76		05	S077878
DIA	NBRG	NDA07-5072-76	20 SEP 76		05	S077879
DIA	NBRG	NDA07-5073-76	76 SEP 76		05	S077880
DIA	NBRG	NDA07-5074-76	20 SEP 76		05	S077881
DIA	NBRG	NDA07-5075-76	20 SEP 76		05	S077882
DIA	NBRG	NDA07-5076-76	20 SEP 76		05	S077883
DIA	NBRG	NDA07-5077-76	20 SEP 76		05	S077884
DIA	NBRG	NDA07-5078-76	20 SEP 76		05	S077885
DIA	NBRG	NDA07-5079-76	20 SEP 76		05	S077886
DIA	NBRG	NDA07-5080-76	20 SEP 76		05	S077887
DIA	NBRG	NDA07-5081-76	20 SEP 76		05	S077888
DIA	NBRG	NDA07-5082-76	20 SEP 76		05	S077889

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	NBRG	NDA07-5083-76	20 SEP 76		05	S077890
DIA	NBRG	NDA07-5084-76	20 SEP 76		05	S077891
DIA	NBRG	NDA07-5085-76	20 SEP 76		05	S077892
DIA	NBRG	NDA07-5086-76	20 SEP 76		05	S077893
DIA	NBRG	NDA07-5087-76	20 SEP 76		05	S077894
DIA	NBRG	NDA07-5088-76	15 SEP 76		05	S077684
DIA	NBRG	NDA07-5089-76	15 SEP 76		05	S077685
DIA	NBRG	NDA07-5090-76	15 SEP 76		05	S077686
DIA	NBRG	NDA07-5091-76	15 SEP 76		05	S077687
DIA	NBRG	NDA07-5092-76	15 SEP 76		05	S077688
DIA	NBRG	NDA07-5093-76	15 SEP 76		05	S077689
DIA	NBRG	NDA07-5094-76	15 SEP 76		05	S077690
DIA	NBRG	NDA07-5095-76	15 SEP 76		05	S077691
DIA	NBRG	NDA07-5096-76	15 SEP 76		05	S077692
DIA	NBRG	NDA07-5097-76	15 SEP 76		05	S077693
DIA	NBRG	NDA07-5098-76	24 SEP 76		05	S077895
DIA	NBRG	NDA07-5099-76	24 SEP 76		05	S077896
DIA	NBRG	NDA07-5100-76	24 SEP 76		05	S077897
DIA	NBRG	NDA07-5101-76	24 SEP 76		05	S077898
DIA	NBRG	NDA07-5102-76	27 SEP 76		05	S077899

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	NBRG	NDA07-5103-76	27 SEP 76		05	S077900
DIA	NBRG	NDA07-5104-76	30 SEP 76		05	S077901
DIA	NBRG	NDA07-5105-76	30 SEP 76		05	S077753
DIA	NBRG	NDA07-5106-76	30 SEP 76		05	S077754
DIA	NBRG	NDA07-5107-76	30 SEP 76		05	S077755
DIA	NBRG	NDA07-5108-76	30 SEP 76		05	S077756
DIA	NBRG	NDA07-5109-76	30 SEP 76		05	S077757
DIA	NBRG	NDA07-5110-76	30 SEP 76		05	S077758
DIA	NBRG	NDA07-5112-76	05 OCT 76		05	S077768
DIA	NBRG	NDA07-5113-76	05 OCT 76		05	S077769
DIA	NBRG	NDA07-5114-76	05 OCT 76		05	S077770
DIA	NBRG	NDA07-5116-76	05 OCT 76		05	S077771
DIA	NBRG	NDA07-5117-76	30 SEP 76		05	S077759

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29
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PART III

Listing of Reports by General Subject

Approved For Release 2005/11/21 : CIA-RDP78B04560A007500010005-8

25X1

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PART IV

Listing of Reports by Coordinates

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PART V

Listing of Reports by WAC/BE Number

Approved For Release 2005/11/21 : CIA-RDP78B04560A007500010005-8

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Approved For Release 2005/11/21 : CIA-RDP78B04560A007500010005-8

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PART VI

Listing of Reports by Accession Number

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R-13/76

25X1

AF REPT 7-75 06 OCT 75 SEC CLASS: 05 MSN: 3P ACCN: S074314

SPACE, SL-8 LAUNCH VEHICLE

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 40H

UR
NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES A DETAILED DESCRIPTION AND DIMENSIONS OF THE SL-8 LAUNCH VEHICLE.*

AF ENDR B1015-75 15 OCT 75 SEC CLASS: 07 MSN: 1P ACCN: S074355

MISSILES, AA-7

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 40J

UR
NPIC NO :
COMIREX NO:

AF ENDR A1014-75 15 OCT 75 SEC CLASS: 07 MSN: 1P ACCN: S074357

MISSILES, AA-8

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 40J

UR
NPIC NO :
COMIREX NO:

AF ENDR D3008-75 15 AUG 75 SEC CLASS: 05 MSN: 1P ACCN: S074362

SPACE, SL-8 LAUNCH VEHICLE

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 40H

UR
NPIC NO :
COMIREX NO:

25X1

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SECRET, [redacted]

R-13/76

25X1



ARMY BIIR RAC24-5002-76 OCT 75 SEC CLASS: 05 MSN: 11P ACCN: S074456

25X1

ELECTRONICS, TWIN BOX ECM INTERCEPT ANTENNA UR
WAC NO : BE/OBJ NO: [redacted] NPIC NO :
IDHS CODE: EPF CAT : 25 COMIREX NO:
MILITARY, GAZ-66 CARGO TRUCK/TWIN BOX ANTENNA UR
WAC NO : BE/OBJ NO: [redacted] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1

THE SOVIET-MANUFACTURED TWIN BOX, AN ELECTRONIC COUNTERMEASURE (ECM) DEVICE, IS DESIGNATED THE RPS-5M. THE TWIN BOX IS A MOBILE, TRUCK-MOUNTED UNIT, READILY IDENTIFIABLE BY THE CONFIGURATION OF THE ANTENNA BOXES AND THE VAN-BODIED GAZ-66 TRUCK. INCLUDED IN THE REPORT ARE ANNOTATED PHOTOGRAPHS, DETAILED LINE DRAWINGS WITH DIMENSIONS, AND A LIST OF THE IMAGERY AND DOCUMENT REFERENCES USED.

NAVY BIIR RRG23-5001-76 OCT 75 SEC CLASS: 04 MSN: 11P ACCN: S074458

25X1

NAVAL, 37MM TWIN OPEN NAVAL AA GUN UR
WAC NO : BE/OBJ NO: [redacted] NPIC NO :
IDHS CODE: EPF CAT : 75E COMIREX NO:

76
SECRET, [redacted]

25X1

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R-13/76

25X1

NAVAL, 37MM TWIN OPEN NAVAL AA GUN

WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 75H

CH
NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE 37-MM/63 (1.46 IN) TWIN OPEN ANTI-AIRCRAFT GUN, BASED ON GROUND AND AERIAL PHOTOGRAPHS. IT INCLUDES SELECTED PHOTOGRAPHS OF THE GUN. IN ADDITION, ANNOTATED PHOTOGRAPHS OF SELECTED SHIP CLASSES EQUIPPED WITH THE 37-MM/63 (1.46 IN) TWIN OPEN AA GUN ARE SHOWN.

THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT IS

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R-13/76

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AF BIIR RFB22-5001-76 AUG 75 SEC CLASS: 07 MSN: 15P ACCN: S074638

25X1

AIRCRAFT, FITTER C SU-17/20

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FITTER C (SU-17/20), A SINGLE-PLACE, SINGLE-ENGINE, VARIABLE-GEOMETRY-WING (VW) FIGHTER DESIGNED BY THE P.O. SUKHOI SPECIAL DESIGN BUREAU (OKB). THE REPORT CONTAINS A BASIC DESCRIPTION, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT.

25X1
25X1

THE FITTER C HAS A FUSELAGE LENGTH OF AND A MID-MOUNTED WING THAT SPANS IN THE FULLY SWEPT POSITION, AND IN THE EXTENDED (30-DEGREE) POSITION.

25X6

NAVY BIIR RNG23-5007-76 NOV 75 SEC CLASS: 04 MSN: 13P ACCN: S074733

25X1

SHIPS, VANYA-1/2 CLASS MSC

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : COMIREX NO:

SHIPS, VANYA CLASS MHC

25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : COMIREX NO:

78
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R-13/76

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THIS REPORT PROVIDES AN IMAGERY-DERIVED ANALYSIS OF THE VANYA CLASS MSC COASTAL MINESWEEPER, THE MODIFIED VANYA CLASS MSC, AND THE VANYA CLASS MHC COASTAL MINEHUNTER. IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ELECTRONIC AND ARMAMENT INVENTORIES, PROVISIONAL SCALE DRAWINGS, RECOGNITION PHOTOGRAPHS AND ANNOTATED PHOTOGRAPHY OF SHIPS EQUIPMENT-INCLUDING THE DIFFERENCE IN EQUIPMENT AND SHIP DESIGN AMONG THE THREE VANYA TYPES, AND REFERENCE DATA. TO DISTINGUISH THE VANYA MSC FROM THE MODIFIED VERSION, THE FORMER IS DESIGNATED VANYA-I MSC WHILE THE MODIFIED VERSION IS DESIGNATED THE VANYA-II MSC. THE THREE DIFFERENT VANYA TYPES ARE CONSTRUCTED ON THE SAME BASIC HULL, WHICH IS [REDACTED] LONG, WITH A BEAM OF [REDACTED]. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT IS SEPTEMBER 1975.

25X1

AF	ENDR	A3009-75	22 OCT 75	SEC CLASS: 07	MSN:	1P	ACCN: S074775
	AIRCRAFT, FITTER C SU-17/20 ECM POD [REDACTED]			UR			
		WAC NO :	BE/OBJ NO: [REDACTED]	NPIC NO :			
		IDHS CODE:	EPF CAT : 05D	COMIREX NO:			
AF	ENDR	C4001-75	13 NOV 75	SEC CLASS: 07	MSN:	1P	ACCN: S074779
	MISSILES, SA-8			UR			
		WAC NO :	BE/OBJ NO: [REDACTED]	NPIC NO :			
		IDHS CODE:	EPF CAT : 40C	COMIREX NO:			
AF	ENDR	D1009-75	03 NOV 75	SEC CLASS: 07	MSN:	1P	ACCN: S074783
	ELECTRONICS, ODD PAIR HEIGHT FINDER RADAR [REDACTED]			UR			
		WAC NO :	BE/OBJ NO: [REDACTED]	NPIC NO :			
		IDHS CODE:	EPF CAT : 25A	COMIREX NO:			
AF	ENDR	D1016-75	29 OCT 75	SEC CLASS: 04	MSN:	1P	ACCN: S074784
	MISSILES, AA-6 VARIANTS			UR			
		WAC NO :	BE/OBJ NO: [REDACTED]	NPIC NO :			
		IDHS CODE:	EPF CAT : 40J	COMIREX NO:			

25X1

79
SECRET [REDACTED]

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R-13/76

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COLLIMATION OF THE LAUNCH TUBES WITH THE SIGHT IS PROBABLY EFFECTED BY MECHANICAL LINKAGE AND THAT
INFRA-RED DETECTION IS POSSIBLY INCORPORATED IN THE EXTERNAL DEVICE.
THE REPORT CONTAINS TWO LINE DRAWINGS AND TWO ANNOTATED PRINTS.

ARMY BIIR RAC24-5005-76 DEC 75 SEC CLASS: 05G MSN: 17P ACCN: S075018

MILITARY, TMS-65 DECONTAMINATION VEHICLE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05E COMIREX NO:

THIS REPORT, WHICH IS BASED ON INFORMATION DERIVED FROM SELECTED GROUND AND AERIAL IMAGERY AND FROM
INTELLIGENCE REPORTS, CONTAINS A DETAILED DESCRIPTION OF THE TMS-65 DECONTAMINATION VEHICLE MOUNTED ON A
URAL-375E TRUCK CHASSIS. THE REPORT ALSO TREATS THE OPERATIONAL PROCEDURES OF THE VEHICLE.

THE TMS-65 DECONTAMINATION VEHICLE IS THE FIRST GAS-TURBINE ENGINE (TURBOJET) TYPE DECONTAMINATION
APPARATUS TO APPEAR IN THE SOVIET INVENTORY. THE CAPABILITY OF DECONTAMINATION OF THE EXTERIOR OF AN
ARMORED FIGHTING VEHICLE IN 90 SECONDS MAKES THE TMS-65 UNIQUE TO SOVIET DECONTAMINATION EQUIPMENT AND
DECONTAMINATION PROCEDURES.

ARMY BREF BAC24-5001-76 DEC 75 SEC CLASS: 08B MSN: 2P ACCN: S075136

AIRCRAFT, HOUND MI-4 MODIFIED UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS DIRECT SUPPORT IMAGERY INTERPRETATION BRIEF (DSIIB) IS BASED ON HAND-HELD PHOTOGRAPHY AND RELATED
COLLATERAL MATERIALS. THE BRIEF DESCRIBES MI-4 HOUND HELICOPTERS WITH MODIFIED ANTENNA SYSTEMS OBSERVED IN
THE SOVIET UNION AN INTRODUCTION, A BASIC DESCRIPTION, PHOTOS, AND A LINE DRAWING ARE
INCLUDED, AS WELL AS A DOCUMENT AND PHOTOGRAPH REFERENCE LIST.

ARMY LOT 912-75 12 SEP 75 SEC CLASS: 05G MSN: 7P ACCN: S075138

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MISSILES, SA-8 TRANSPORTER-LAUNCHER

UR

WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 40C

NPIC NO :
COMIREX NO:

THIS REPORT GIVES THE APPROXIMATE DIMENSIONS OF THE SA-8 TRANSPORTER/LAUNCHER. THREE ARTIST'S DRAWINGS SHOW THE TRANSPORTER/LAUNCHER ERECTED IN THE FIRING POSITION, FOLDED INTO THE TRAVEL POSITION, AND THE SA-8 VEHICLE WITH A FLAT CANVAS-COVERED SUPERSTRUCTURE. IDENTIFICATION OF THE LAST ITEM CANNOT BE MADE.*

25X6

MILITARY, ORGANIZATION/EQUIPMENT RECON BN
WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 35

UR
NPIC NO :
COMIREX NO:

THIS DIRECT SUPPORT IMAGERY INTERPRETATION BRIEF (DSIIB) PROVIDES FURTHER INFORMATION ON THE CHANGE IN THE TABLE OF ORGANIZATION AND EQUIPMENT (TO+E) OF THE SOVIET RECONNAISSANCE BATTALION, AS WELL AS A PROBABLE UPGRADING OF EQUIPMENT IN THE RECONNAISSANCE COMPANY ASSIGNED TO TANK AND MOTORIZED RIFLE REGIMENTS. THIS BRIEF IS AN EXPANSION AND UPDATE OF THE DSIIB OF 30 JUNE 1975, BEE 24-8020-75 (U).

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NAVY BIIR RN623-5004-76

NOV 75

SEC CLASS: 04 MSN:

42P

ACCN: S075203

SHIPS, KRIVAK CLASS DDGSP

UR

WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT :

75D

NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE KRIVAK CLASS GUIDED MISSILE DESTROYER (SSM AND POINT DEFENSE) (DDGSP) AND IS BASED ON HIGH RESOLUTION AERIAL AND GROUND PHOTOGRAPHY. IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, COMPREHENSIVE ARMAMENT AND ELECTRONICS INVENTORIES, ANNOTATED PHOTOGRAPHIC ILLUSTRATIONS, PROVISIONAL SCALE DRAWINGS, AN INDIVIDUAL UNIT IDENTIFICATION SECTION, AND REFERENCE DATA.

KRIVAK REPRESENTS A MODERN, HIGHLY SOPHISTICATED, WELL-ARMED REPLACEMENT FOR THE OLDER SKORYY CLASS DD. THE [REDACTED] WIDE KRIVAK HULL SUPPORTS WEAPONRY TO ACCOMPLISH SUCH VARYING ROLES AS ASW, AAW, AND ANTISHIP WARFARE. THE STEPPED HULL, TAPERED SINGLE STACK AND RELATIVELY LOW SUPERSTRUCTURE GIVE THE KRIVAK A SLEEK LOW PROFILE.

THIS REPORT SUPERSEDES RN6-23/5006/72, KRIVAK CLASS DDGM, OF AUGUST 1971.
THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT IS JUNE 1975.

82
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AF REPT 9-75 06 JAN 76 SEC CLASS: 07 MSN: 2P ACCN: S075342

25X1

AIRCRAFT, FLOGGER E/C MIG-23 RADOME COMP UR
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1

AIRCRAFT, FLOGGER C/E MIG-23 RADOME COMP UR
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

AF REPT 1-76 13 JAN 76 SEC CLASS: 07 MSN: 2P ACCN: S075343

ELECTRONICS, SPOON REST EW/ACQ RADAR UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:

THE NEW EIGHT-BAY SPOON REST AT PACKENDORF, SZG, WAS ANALYZED TO PROVIDE THE MEASUREMENTS OF THE LENGTH OF THE BOOM, THE HORIZONTAL SPACING BETWEEN ADJACENT YAGIS AND THE VERTICAL SPACING BETWEEN ADJACENT YAGIS.*

AF REPT 8-75 14 JAN 76 SEC CLASS: 05 MSN: 2P ACCN: S075344

25X1

WARSAWA RADAR WORKS T1 ANTENNAS PL 521407N 0210534E
WAC NO : 0168 BE/OBJ NO: [REDACTED] NPIC NO : - 114-C2
IDHS CODE: [REDACTED] EPF CAT : 25E COMIREX NO:

25X1

THIS REPORT PROVIDES MEASUREMENTS OF UNIDENTIFIED HEIGHT FINDER (HIGH- AND LOW-MAST AND TRUCK-MOUNTED) ANTENNAS AT WARSAW T-1 FACTORY.*

AF ENDR E1018-75 19 DEC 75 SEC CLASS: 05 MSN: 1P ACCN: S075379

25X1

AIRCRAFT, FITTER B SU-17 UR
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

84
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R-13/76

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ARMY BIIR RAC24-5003-76

DEC 75

SEC CLASS: 05 MSN:

23P

ACCN: S075477

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AIRCRAFT, HIND MI-24	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
AIRCRAFT, HOOK MI-6	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
AIRCRAFT, HOPLITE MI-2	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
AIRCRAFT, HOUND MI-4	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
AIRCRAFT, HIP C MI-8	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, ZPU-2 14.5MM AA MACHINE GUN	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, M-1943 57MM ANTI-TANK GUN	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, 120MM MORTAR	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, SD-44 85MM ANTI-TANK GUN	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, AK-47 7.62MM ASSAULT RIFLE	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, UB-16-57U ROCKET LAUNCHER A/C	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, D-30 122MM HOWITZER	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MILITARY, GAZ-66 CARGO TRUCK	UR
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
MISSILES, ATM-3	UR

85

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R-13/76

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WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT :	COMIREX NO:
MISSILES, ATM-2		UR
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 40	COMIREX NO:
MILITARY, HELICOPTER UNITS		UR
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35	COMIREX NO:

THIS REPORT DISCUSSES THE THREE BASIC TYPES OF SOVIET HELICOPTER UNITS -- GENERAL SUPPORT, AIRMOBILE, AND AERIAL ASSAULT. EACH UNIT IS DESCRIBED IN TERMS OF ITS MISSION, ORGANIZATION, COMMAND AND CONTROL, EQUIPMENT, CAPABILITIES, TRAINING, AND TACTICAL EMPLOYMENT. WEAKNESSES AND PROBLEM AREAS ARE DISCUSSED IN A SEPARATE PARAGRAPH. THE INFORMATION IS BASED ON HAND-HELD AND AERIAL PHOTOGRAPHY, AND ON RELATED COLLATERAL MATERIALS. INCLUDED IN THE REPORT ARE CONCEPTUAL DRAWINGS, PHOTOGRAPHS, AND A PHOTOGRAPH AND DOCUMENT REFERENCE LIST. INFORMATION IN THIS REPORT IS CURRENT AS OF NOVEMBER 1975.

25X6

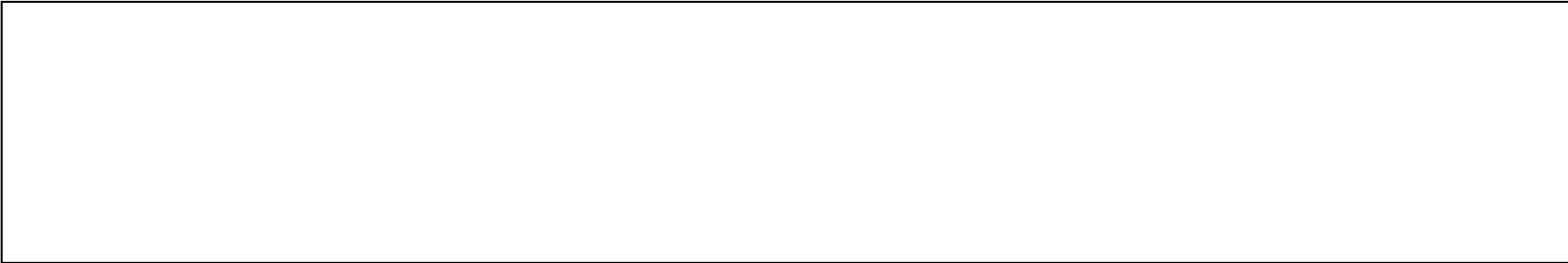
86
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R-13/76

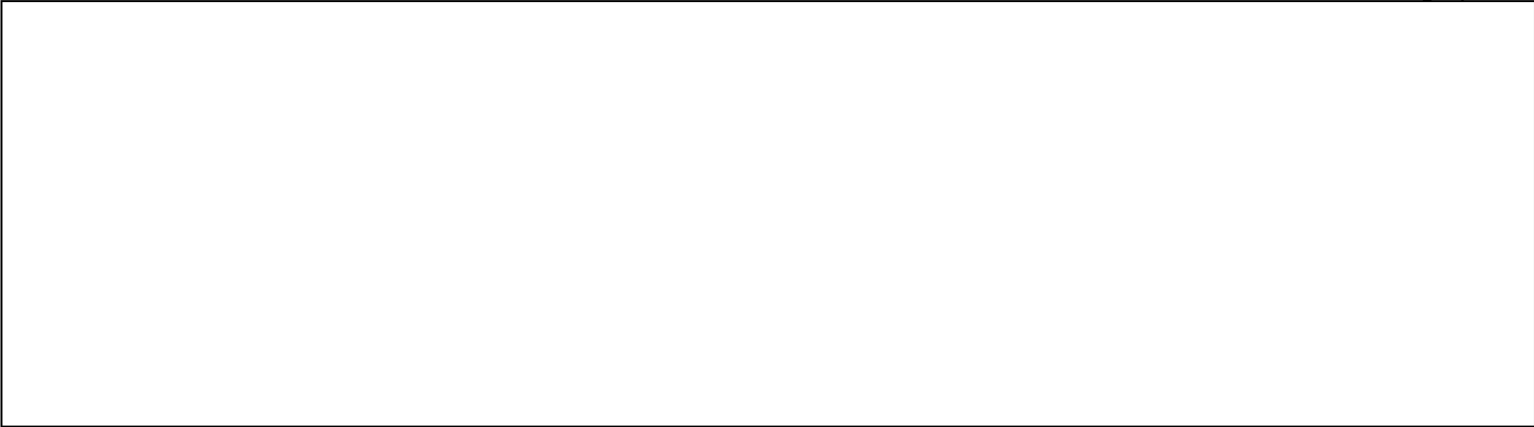
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CIA INFR LFD003-76 12 MAR 76 SEC CLASS: 05 MSN: 2P ACCN: S075813

SUEZ CANAL WIDENING/MILITARY ACTIVITY EG 3032//N 03221//E
WAC NO : 0447 BE/OBJ NO: NPIC NO :
IDHS CODE: [redacted] EPF CAT : 85F COMIREX NO:
SUEZ CANAL WIDENING/MILITARY ACTIVITY EG 3032//N 03221//E
WAC NO : 0447 BE/OBJ NO: NPIC NO :
IDHS CODE: [redacted] EPF CAT : 35 COMIREX NO:

25X6



87
SECRET [redacted]

25X1

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AF BREF BEE22-8008-76 05 MAR 76

SEC CLASS: 05 MSN:

4P

ACCN: S075966

SAKI AIRFIELD FREEHAND YAK-36 IDENTIFICATION

UR 450529N 0333616E

WAC NO : 0250

BE/OBJ NO: [REDACTED]

NPIC NO : - 59

IDHS CODE: [REDACTED]

EPF CAT : 05A

COMIREX NO: [REDACTED]

AIRCRAFT, FREEHAND YAK-36

UR

WAC NO :

BE/OBJ NO: [REDACTED]

NPIC NO :

IDHS CODE:

EPF CAT : 05D

COMIREX NO:

THIS DIRECT SUPPORT IMAGERY INTERPRETATION BRIEF (DSIIB) PRESENTS INFORMATION ON THE INITIAL SIGHTING OF THE YAK-36/SOVIET V/STOL FIGHTER AIRCRAFT AT SAKI AIRFIELD, USSR [REDACTED] THE INFORMATION PRESENTED IN THIS REPORT IS CURRENT AS OF [REDACTED] AND INCLUDES DATA DERIVED FROM SATELLITE IMAGERY OF [REDACTED] THE BRIEF INCLUDES A DESCRIPTION OF THE AIRFIELD, A SUMMARY OF YAK-36 DEVELOPMENTS IN THE SOVIET UNION, AND ILLUSTRATIVE SELECT PRINTS.

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25X1

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ARMY NOTE

26-75

OCT 75

SEC CLASS: 05 MSN:

3P

ACCN: S075974

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25X1

MOSKVA AIRFIELD CENTRAL A/C + WPNS DISPLAY UR 554719N 0373150E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : 46-K
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
MOSKVA AIRFIELD CENTRAL A/C + WPNS DISPLAY UR 554719N 0373150E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 46-K
IDHS CODE: [] EPF CAT : 55 COMIREX NO: []

25X1

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AF	REPT	2-76	11 FEB 76	SEC CLASS: 07	MSN:	3P	ACCN: 5076043
25X1	ELECTRONICS, ACE LOW ANTENNAS BACK NET MID			UR			
	WAC NO :	BE/OBJ NO:	[]	NPIC NO :			
	IDHS CODE:	EPF CAT :	[]	COMIREX NO:			
AF	REPT	3-76	12 JAN 76	SEC CLASS: 04	MSN:	2P	ACCN: 5076044
	AIRCRAFT, FLAGON E SU-15			UR			
	WAC NO :	BE/OBJ NO:	[]	NPIC NO :			
	IDHS CODE:	EPF CAT :	05D	COMIREX NO:			
ANALYSIS OF PHOTOGRAPHY OF THE FLAGON E REVEALS A RADIO COMPASS ATOP THE FUSELAGE, POSSIBLE RADIO ALTIMETERS, AND AN ODD RODS ANTENNA.*							
AF	ENDR	E1001-76	10 FEB 76	SEC CLASS: 08	MSN:	1P	ACCN: 5076080
25X1	AIRCRAFT, FLOGGER B MIG-23			UR			
	WAC NO :	BE/OBJ NO:	[]	NPIC NO :			
	IDHS CODE:	EPF CAT :	[]	COMIREX NO:			
AF	ENDR	E1002-76	10 FEB 76	SEC CLASS: 08	MSN:	1P	ACCN: 5076081
	AIRCRAFT, FLOGGER D MIG-23			UR			
	WAC NO :	BE/OBJ NO:	[]	NPIC NO :			
	IDHS CODE:	EPF CAT :	05D	COMIREX NO:			
AF	ENDR	E1004-76	23 FEB 76	SEC CLASS: 07	MSN:	1P	ACCN: 5076082
	AIRCRAFT, COOT A			UR			

90
SECRET/ []

25X1

SECRET/ [REDACTED]

R-13/76

25X1

25X1

WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

CIA INFR MSD099-76 08 APR 76 SEC CLASS: 05 MSN: 5P ACCN: S076137

MISSILES, SA-2 EQUIPMENT STORAGE

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40C COMIREX NO:

UR

THE AREAS WITHIN TEN KILOMETERS OF TEN SELECTED SOVIET SA-2 SITES HAVE BEEN SEARCHED FOR EXTRA SA-2 EQUIPMENT STORED IN MILITARY FACILITIES. THIS SEARCH WAS CONDUCTED TO ASCERTAIN THE VALIDITY OF A REPORT THAT THREE COMPLETELY EQUIPPED SA-2 BATTALIONS MANNED ONE SA-2 SITE ON A ROTATIONAL BASIS, WITH THE MEN AND EQUIPMENT OF THE TWO RESERVED BATTALIONS BEING GARRISONED NEARBY [REDACTED]

25X1

25X1

AF REPT 4-76 JAN 76 SEC CLASS: 07 MSN: 3P ACCN: S076213

AIRCRAFT, BACKFIRE B

WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

UR

25X1

AF REPT 5-76 10 MAR 76 SEC CLASS: 07 MSN: 3P ACCN: S076214

AIRCRAFT, CHARGER B NK-144 ENGINE AFTERBURNER

WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

UR

25X1

AF REPT 6-76 23 MAR 76 SEC CLASS: 07 MSN: 2P ACCN: S076215

SPACE, SOYUZ-19 ABORT/SEPARATION TOWER

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40H COMIREX NO:

UR

AF ENDR A1005-76 17 MAR 76 SEC CLASS: 08 MSN: 1P ACCN: S076219

AIRCRAFT, FLOGGER D MIG-23 BOMB/ROCKET

WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

UR

25X1

AF ENDR B1015-1-74 11 MAR 76 SEC CLASS: 07 MSN: 1P ACCN: S076220

91
SECRET/ [REDACTED]

25X1

SECRET

R-13/76

25X1

25X1

	MISSILES, AS-4		BE/OBJ NO:	<div style="border: 1px solid black; width: 50px; height: 100px; display: inline-block;"></div>	UR			
	WAC NO :		EPF CAT :		NPIC NO :			
	IDHS CODE:				COMIREX NO:			
AF	ENDR	C1010-76	25 MAR 76		SEC CLASS: 07	MSN:	1P	ACCN: S076226
	MISSILES, SA-8		BE/OBJ NO:		UR			
	WAC NO :		EPF CAT :	NPIC NO :				
	IDHS CODE:			COMIREX NO:				
AF	ENDR	C1006-76	03 MAR 76	SEC CLASS: 05	MSN:	1P	ACCN: S076228	
	ELECTRONICS, TAKU A AW RADAR ANTENNA		BE/OBJ NO:		CH			
	WAC NO :		EPF CAT :	NPIC NO :				
	IDHS CODE:		25A	COMIREX NO:				
AF	ENDR	C3003-76	01 MAR 76	SEC CLASS: 07	MSN:	1P	ACCN: S076229	
	SPACE, SOYUZ-19 ABORT TOWER		BE/OBJ NO:		UR			
	WAC NO :		EPF CAT : 40H	NPIC NO :				
	IDHS CODE:			COMIREX NO:				
AF	ENDR	D1020-1-74	16 MAR 76	SEC CLASS: 07	MSN:	1P	ACCN: S076235	
	MISSILES, SA-9 CANISTERS BRDM-2 MOUNTED		BE/OBJ NO:		UR			
	WAC NO :		EPF CAT : 40C	NPIC NO :				
	IDHS CODE:			COMIREX NO:				
AF	ENDR	D2001-76	01 APR 76	SEC CLASS: 07	MSN:	1P	ACCN: S076236	
	AIRCRAFT, BACKFIRE B FUSELAGE CROSS SECTIONS		BE/OBJ NO:		UR			
	WAC NO :		EPF CAT : 05D	NPIC NO :				
	IDHS CODE:			COMIREX NO:				

25X1

25X6

AF	ENDR	E1009-76	01 APR 76	SEC CLASS: 07	MSN:	1P	ACCN: S076262
----	------	----------	-----------	---------------	------	----	---------------

92
SECRET

25X1

SECRET

R-13/76

25X1

25X1

AIRCRAFT, BACKFIRE B

WAC NO :
IDHS CODE:

BE/OBJ NO :
EPF CAT :

UR

NPIC NO :
COMIREX NO:

AF ENDR E1012-1-74 25 MAR 76

SEC CLASS: 04 MSN: 1P

ACCN: S076263

AIRCRAFT, FLAGON E SU-15

WAC NO :
IDHS CODE:

BE/OBJ NO :
EPF CAT :

UR

NPIC NO :
COMIREX NO:

AF ENDR E1021-2-74 25 MAR 76

SEC CLASS: 04 MSN: 1P

ACCN: S076265

MISSILES, AA-3 VARIANTS

WAC NO :
IDHS CODE:

BE/OBJ NO :
EPF CAT :

UR

NPIC NO :
COMIREX NO:

AF ENDR A3002-76 19 MAR 76

SEC CLASS: 07 MSN: 1P

ACCN: S076274

MISSILES, AA-8 LAUNCH RAIL

WAC NO :
IDHS CODE:

BE/OBJ NO :
EPF CAT : 40J

UR

NPIC NO :
COMIREX NO:

25X6

NPIC MEMO EGD014-76 10 MAY 76

SEC CLASS: 05 MSN: 4P

ACCN: S076390

CHENCHANG RADIO RELAY STATION NE BUNKER CONST CH 395050N 1153550E

WAC NO : 0382
IDHS CODE:

BE/OBJ NO :
EPF CAT : 25D

NPIC NO : - 71-C
COMIREX NO:

25X1

25X1
25X1

THIS MEMO DESCRIBES THE OBSERVATION OF A BUILDING UNDER CONSTRUCTION AT THE CHEN-CHANG RADREL STATION
NE/BNK. CONSTRUCTION APPEARED COMPLETE BY AND THE BUILDING COULD BE USED AS AN AIR-RAID
SHELTER.*

25X6

25X1

93
SECRET

25X1

25X6

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Next 2 Page(s) In Document Exempt

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SECRET

R-13/76

25X1

AF BIIR RFB22-5002-76 DEC 75 SEC CLASS: 05 MSN: 18P ACCN: S076608

AIRCRAFT, FOXBAT B MIG-25

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FOXBAT B (MIG-25), A SINGLE-PLACE, TWIN-ENGINE, SWEEPWING, SUPERSONIC, PHOTO RECONNAISSANCE AIRCRAFT DESIGNED BY THE A.I. MIKOYAN SPECIAL DESIGN BUREAU (OKB). THE REPORT INCLUDES A BASIC DESCRIPTION, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT.

ARMY REPT RAC24-5004-76 MAR 76 SEC CLASS: 08 MSN: 38P ACCN: S076613

AIRCRAFT, HOOK MI-6

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT :

UR
NPIC NO :
COMIREX NO:

AIRCRAFT, HOPLITE MI-2

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT :

UR
NPIC NO :
COMIREX NO:

AIRCRAFT, HOUND MI-4

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT :

UR
NPIC NO :
COMIREX NO:

AIRCRAFT, HARE MI-1

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT :

UR
NPIC NO :
COMIREX NO:

AIRCRAFT, HIP C MI-8

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT :

UR
NPIC NO :
COMIREX NO:

MISSILES, ATM-2

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT :

UR
NPIC NO :
COMIREX NO:

MISSILES, ATM-3

WAC NO :

BE/OBJ NO: [REDACTED]

UR
NPIC NO :

97
SECRET

25X1

SECRET

R-13/76

25X1

IDHS CODE: EPF CAT : 40 COMIREX NO:
 MILITARY, UB-16-57U ROCKET LAUNCHER A/C MTD UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, A-12.7P 12.7MM MACHINE GUN A/C MTD UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, RPK 7.62MM MACHINE GUN UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, AK-47 7.62MM ASSAULT RIFLE UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 AIRCRAFT, HIND MI-24 UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:
 MILITARY, S-3K 132MM AIR-TO-SURFACE ROCKET UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, S-5K 57MM AIR-TO-SURFACE ROCKET UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, S-5M 57MM AIR-TO-SURFACE ROCKET UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : COMIREX NO:
 MILITARY, S-5M AIR-TO-AIR ROCKET UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS DIRECT SUPPORT IMAGERY INTERPRETATION REPORT (DSIIR) DISCUSSES ARMED SOVIET HELICOPTERS AND THE WEAPONS MOUNTED ON THEM. THE DSIIR IS BASED ON HANDHELD PHOTOGRAPHY AND RELATED MATERIALS. THE REPORT CONTAINS A BASIC TEXT, PHOTOGRAPHS, LINE DRAWINGS, AND A PHOTOGRAPHY AND DOCUMENT REFERENCE LIST. THE INFORMATION CONTAINED IN THE REPORT IS CURRENT AS OF DECEMBER 1975.

CIA INFR ERD136-76 30 APR 76 SEC CLASS: 05 MSN: 3P ACCN: 5076629

VOLGODONSK NUCLEAR REACTOR FAB PLANT POSS U/C UR 473010N 0421310E
 WAC NO : 0249 BE/OBJ NO: NPIC NO : - 42-E
 IDHS CODE: EPF CAT : 55A COMIREX NO:

98
 SECRET

25X1

SECRET

R-13/76

25X1

25X1

CIA BIIR RCS13-0012-76 MAY 76 SEC CLASS: 05 MSN: 6P ACCN: 5076663

25X1
25X1

NOVOKUYBYSHEVSK CHEMICAL COMBINE
WAC NO : 0165 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30F COMIREX NO:

NOVOKUYBYSHEVSK CHEMICAL COMBINE PROCESSES FEEDSTOCKS FROM THE ADJACENT PETROLEUM REFINERY INTO SEVERAL PETROCHEMICAL PRODUCTS, INCLUDING SYNTHETIC ALCOHOL, ACETYLENE, POLYETHYLENE, PHENOL, AND ACETONE.

THE CHEMICAL COMBINE BEGAN OPERATING IN 1957 AND UNDERWENT EXPANSION UNTIL THE MID-1960S. DURING THE 1971-1975 FIVE YEAR PLAN NO NEW PROCESSING PLANTS WERE ADDED TO THE COMBINE; HOWEVER, PROCESSING EQUIPMENT WAS ADDED TO THE ACETYLENE AND PROBABLE METHYL-STYRENE PLANTS.

THIS REPORT INCLUDES A DISCUSSION OF THE CHEMICAL COMBINE, AND TABLES SUMMARIZING ITS PRODUCTION AREAS AND THE VOLUME OF MAJOR PRODUCTION BUILDINGS. A PHOTOGRAPH, WITH LOCATION MAP INSETS, IS ALSO PROVIDED.

25X6

25X1

99
SECRET

25X1

25X6

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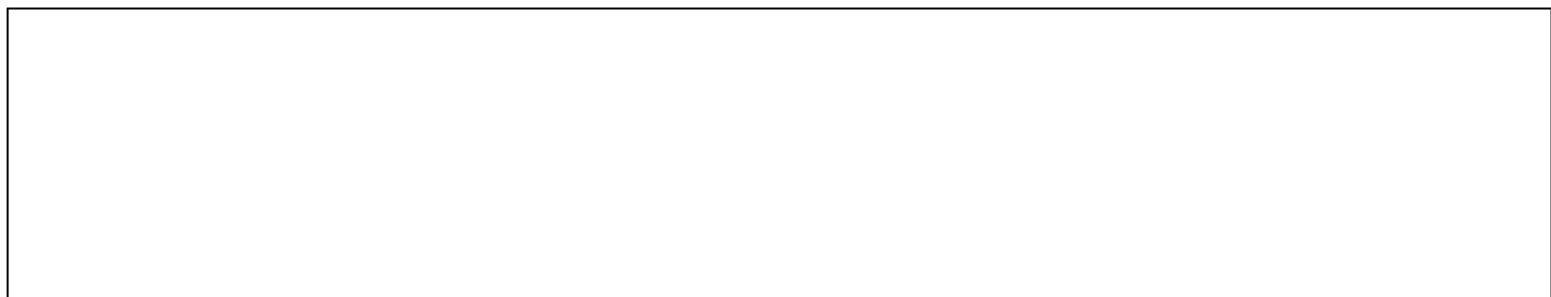
Approved For Release 2005/11/21 : CIA-RDP78B04560A007500010005-8

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25X6



AF BIIR RFB22-5003-76 DEC 75 SEC CLASS: 05 MSN: 14P ACCN: S076919

AIRCRAFT, FOXBAT C MIG-25

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FOXBAT C (MIG-25), A TANDEM COCKPIT, TRAINER VERSION OF THE MIKOYAN-DESIGNED FOXBAT TWIN-ENGINE, SWEEPWING FIGHTER. THE REPORT CONTAINS A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT.

THE FOXBAT C HAS A FUSELAGE LENGTH OF [REDACTED] AND A WINGSPAN OF [REDACTED] MEASURED FROM CENTER-TO-CENTER OF THE WINGTIP MASS-BALANCE PROBES.

AF BIIR RFB22-5004-76 DEC 75 SEC CLASS: 04 MSN: 22P ACCN: S076920

MISSILES, RD-107 MISSILE/SPACE BOOSTER

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 40I

UR
NPIC NO :
COMIREX NO:

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE SOVIET RD-107, LIQUID BIPROPELLANT ROCKET ENGINE. IT INCLUDES A BASIC DESCRIPTION, MENSURAL AND CONFIGURAL ANALYSIS, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY.

THE RD-107 ENGINE IS A LIQUID BIPROPELLANT ROCKET ENGINE CONSISTING OF A SINGLE-STAGE TURBOPUMP ASSEMBLY, FOUR MAIN THRUST CHAMBERS AND TWO SMALLER, PIVOTABLE, VERNIER THRUST CHAMBERS. THE OVERALL SIZE OF THE RD-107 ENGINE, INCLUDING THRUST CHAMBERS AND TURBOPUMP ASSEMBLY, [REDACTED] INCHES IN LENGTH. A VARIANT, THE RD-108 ENGINE, HAS FOUR MAIN CHAMBERS WITH FOUR VERNIER CHAMBERS.

101
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25X1

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SECRET

R-13/76

25X6

25X6

CIA BIIR RCS13-0018-76 MAY 76 SEC CLASS: 05 MSN: 6P ACCN: S076958

NAVOI CHEMICAL COMBINE UR 400638N 0652003E
WAC NO : 0327 BE/OBJ NO: NPIC NO : - 5
IDHS CODE: EPF CAT : 30F COMIREX NO:

NAVOI CHEMICAL COMBINE PROCESSES NATURAL GAS FROM THE BUKHARA GAS FIELDS INTO THESE GENERAL FEEDSTOCK CHEMICALS -- AMMONIA, ACETYLENE, AND HYDROGEN CYANIDE. OTHER PRODUCTS, DERIVED FROM THE ABOVE FEEDSTOCKS, INCLUDE -- AMMONIUM NITRATE, ACRYLONITRILE, ACETALDEHYDE, NITRIC ACID, AND CELLULOSE ACETATE.

BETWEEN 1961 AND 1968, AN INITIAL FERTILIZER PRODUCTION SECTION CONSISTING OF AMMONIA, NITRIC ACID, AND AMMONIUM NITRATE PLANTS WAS CONSTRUCTED, AND CONSTRUCTION BEGAN ON ACETYLENE, ACRYLONITRILE, AND HYDROGEN CYANIDE PLANTS, AS WELL AS POSSIBLE ACETALDEHYDE AND CELLULOSE ACETATE PLANTS. BETWEEN 1968 AND 1971, A SECOND FERTILIZER SECTION WAS BUILT AND CONSTRUCTION BEGAN ON A LIQUID HYDROGEN PLANT. BY 1971, ALL PLANTS WERE OPERATIONAL WITH THE EXCEPTION OF THE ACRYLONITRILE, HYDROGEN CYANIDE, AND LIQUID HYDROGEN PLANTS WHICH APPARENTLY DID NOT BEGIN OPERATION UNTIL 1972. DURING THE 1971-75 FIVE-YEAR PLAN, THE ACRYLONITRILE SECTION WAS EXPANDED, AND CONSTRUCTION BEGAN ON A SPINNING MILL AND TWO UNIDENTIFIED PLANTS.

CIA BIIR RCS13-0020-76 MAY 76 SEC CLASS: 05 MSN: 6P ACCN: S076959

SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE UR 532438N 0555400E
WAC NO : 0165 BE/OBJ NO: NPIC NO : - 26
IDHS CODE: EPF CAT : 30 COMIREX NO:

THE PETROLEUM REFINERY AT THE SALAVAT PETROLEUM REFINERY AND CHEMICAL COMBINE PRODUCES FUELS AND PETROCHEMICAL FEEDSTOCKS; THE PETROCHEMICAL PLANT PROCESSES THESE FEEDSTOCKS AND NATURAL GAS INTO SUCH PRODUCTS AS UREA AND AMMONIUM NITRATE FERTILIZERS, POLYSTYRENE, POLYETHYLENE, ACETYLENE, NITRIC ACID, AND SULFUR. ETHYLENE OXIDE, ETHYLENE GLYCOL, AND SYNTHETIC ALCOHOLS MAY ALSO BE PRODUCED.

THE PETROLEUM REFINERY BEGAN OPERATING IN 1955. THE FIRST UNITS OF THE PETROCHEMICAL PLANT WERE UNDER CONSTRUCTION BY THE EARLY 1960S. DURING THE 1971-1975 FIVE-YEAR PLAN, A SECOND ETHYLENE PLANT, A POLYSTYRENE PLANT, AND A LARGE UNIDENTIFIED PLANT WERE COMPLETED. A NEW UREA FERTILIZER LINE AND AN UNIDENTIFIED PROCESSING PLANT WERE STILL UNDER CONSTRUCTION WHEN THE COMBINE WAS LAST OBSERVED

AF BIIR RFB22-5006-76 MAY 76 SEC CLASS: 07 MSN: 6P ACCN: S076966

MISSILES, AS-4

UR

103

SECRET

25X6

SECRET [REDACTED]

R-13/76

25X1

25X1
WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 40J

NPIC NO :
COMIREX NO:

25X1
THIS REPORT PRESENTS AN UPDATED ANALYSIS OF THE KITCHEN (AS-4), A CLIPPED DELTA WING, ROCKET-POWERED,
AIR-TO-SURFACE MISSILE (ASM) CARRIED BY THE SOVIET BLINDER B BOMBER. THE KITCHEN ASM [REDACTED]

25X1

25X1
[REDACTED] THE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF
THE SUBJECT MISSILE. THIS REPORT SUPERSEDES FTD BIIR, RFB-22/5024/69, KITCHEN, JUNE 1969.

25X6

CIA BIIR RCS13-0019-76

JUN 76

SEC CLASS: 05 MSN:

6P

ACCN: S077006

SHCHEKINO CHEMICAL COMBINE

25X1
25X1
WAC NO : 0167

IDHS CODE: [REDACTED]

BE/OBJ NO: [REDACTED]
EPF CAT : 30F

UR 540240N 0373230E

NPIC NO :
COMIREX NO:

THE MAIN PRODUCTS OF THE SHCHEKINO CHEMICAL COMBINE ARE AMMONIA, METHANOL, FORMALDEHYDE, CARBONATE
RESINS, UREA, SULFURIC ACID, CAPROLACTAM, AND NYLON-6 FIBER. THE PRIMARY FEEDSTOCK FOR THE COMBINE IS

104
SECRET [REDACTED]

25X1

SECRET/ []

R-13/76

25X1

NATURAL GAS FROM FIELDS IN THE STAVROPOL AREA.

THE CHEMICAL COMBINE, WHICH BEGAN OPERATING IN 1956 USING FEEDSTOCKS FROM COAL GASIFICATION, WAS CONVERTED TO NATURAL GAS IN 1958. ALL OF THE PLANTS IN THE COMBINE WERE COMPLETE AND OPERATIONAL BY 1970 EXCEPT FOR A SMALL POSSIBLE PURIFICATION SECTION WHICH WAS ADDED TO THE CAPROLACTAM PLANT DURING THE 1971-75 FIVE-YEAR PLAN. [] THE UREA PLANT IMPORTED FROM THE DUTCH DID NOT APPEAR TO BE OPERATING.

25X6

CIA BIIR RCS13-0031-76 JUN 76 SEC CLASS: 05 MSN: 6P ACCN: S077041

NEVINNOMYSSK CHEMICAL COMBINE

WAC NO : 0249

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 30F

UR 443935N 0415630E

NPIC NO : - 26-A

COMIREX NO:

NEVINNOMYSSK CHEMICAL COMBINE IS ONE OF RUSSIA'S FIVE MAJOR PRODUCERS OF NITROGEN-PHOSPHATE-POTASSIUM (NPK) COMPOUND FERTILIZER. THIS LARGE CHEMICAL COMBINE ALSO PRODUCES UREA AND AMMONIUM NITRATE FERTILIZERS, AS WELL AS VINYL ACETATE, A MAJOR FEEDSTOCK FOR THE PRODUCTION OF PLASTICS.

THE CHEMICAL COMBINE BEGAN OPERATING IN THE EARLY 1960S, AND WAS CONTINUALLY EXPANDED THROUGH THE LATE 1960S. DURING THE 1971-75 FIVE YEAR PLAN, THREE NEW PLANTS WERE ADDED TO THE COMBINE AND CONSTRUCTION BEGAN ON WHAT WILL BE ONE OF THE WORLD'S LARGEST AMMONIA PLANTS.

NAVY BIIR RNG23-5011-76 MAY 76 SEC CLASS: 05 MSN: 9P ACCN: S077043

SHIPS, SOHUNG CLASS PTG

WAC NO :

IDHS CODE:

BE/OBJ NO: []

EPF CAT : 75D

KN

NPIC NO :

COMIREX NO:

THIS REPORT IS AN IMAGERY-DERIVED ANALYSIS OF THE SOHUNG MISSILE ATTACK BOAT (PTG). IT INCLUDES BASIC CHARACTERISTICS, PHOTOGRAPHIC VIEWS, A PROVISIONAL SCALE DRAWING, ARMAMENT AND ELECTRONIC INVENTORIES, AND ANALYTICAL COMMENTS.

THUS FAR, THE SOHUNG PTG IS A SINGLE SHIP IN NORTH KOREA'S (KN) NAVAL INVENTORY, AND IT IS KOREA'S INITIAL EFFORT AT INDIGENOUS PTG CONSTRUCTION. THE UNIT HAS A FLUSH DECK WITH AN OVERALL LENGTH [] METERS, A MAXIMUM BEAM OF [] MAXIMUM AT THE SPONSONS, AND A METAL HULL. THE ARMAMENT CONSISTS OF A TWIN 14.5-MM MACHINE GUN MOUNT FORWARD OF THE PILOTHOUSE AND TWO SS-N-2 TYPE MISSILE LAUNCHER HOUSINGS.

THE LENGTH DIMENSION CONTAINED IN THIS REPORT IS CONSIDERED ACCURATE TO [] WITH A 95% CONFIDENCE LEVEL AND THE BEAM DIMENSION IS CONSIDERED ACCURATE TO [] WITH A 95%

105

SECRET/ []

25X1

SECRET

R-13/76

25X1

CONFIDENCE LEVEL.
THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT IS DECEMBER 1975.

CIA INFR MSD161-76 28 JUN 76 SEC CLASS: 05 MSN: 1P ACCN: S077107
SHANMEN SATELLITE LAUNCH FACILITY SEARCH CH 3441 N 10621 E
WAC NO : 0384 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40H COMIREX NO:
CIA BIIR RCS13-0016-76 JUN 76 SEC CLASS: 05 MSN: 16P ACCN: S077122

INDUSTRY, PETROLEUM REFINERIES
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30B COMIREX NO:
AL ISKANDARIYAH PETROLEUM REFINERY/STGE GABIR EG 310530N 0295130E
WAC NO : 0448 BE/OBJ NO: NPIC NO : - 2-E2
IDHS CODE: EPF CAT : 30B COMIREX NO:
AL ISKANDARIYAH PETROLEUM REFINERY/STGE GABIR EG 310530N 0295130E
WAC NO : 0448 BE/OBJ NO: NPIC NO : - 2-E2
IDHS CODE: EPF CAT : 80A COMIREX NO:
AL ISKANDARIYAH PETROLEUM RFY/STGE MEX SERCOP EG 310945N 0295020E
WAC NO : 0448 BE/OBJ NO: NPIC NO : - 2-E1
IDHS CODE: EPF CAT : 80A COMIREX NO:
AL ISKANDARIYAH PETROLEUM RFY/STGE MEX SERCOP EG 310845N 0295020E
WAC NO : 0448 BE/OBJ NO: NPIC NO : - 2-E1
IDHS CODE: EPF CAT : 30B COMIREX NO:
AS SUWAYS PETROLEUM REFINERY + STORAGE GROUP EG 295733N 0323044E
WAC NO : 0447 BE/OBJ NO: NPIC NO : - 8-G
IDHS CODE: EPF CAT : 30B COMIREX NO:
TANTA PETROLEUM REFINERY EG 304750N 0305735E
WAC NO : 0447 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30B COMIREX NO:
AL QAHIRAH PETROLEUM REFINERY + STGE MUSTURUD EG 300843N 0311755E
WAC NO : 0447 BE/OBJ NO: NPIC NO : - 2-R2
IDHS CODE: EPF CAT : 80A COMIREX NO:
AL QAHIRAH PETROLEUM REFINERY + STGE MUSTURUD EG 300843N 0311755E
WAC NO : 0447 BE/OBJ NO: NPIC NO : - 2-R2
IDHS CODE: EPF CAT : 30B COMIREX NO:
AS SUWAYS PETROLEUM REFINERY + STORAGE WEST EG 265730N 0323015E
WAC NO : 0447 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 80A COMIREX NO:
AS SUWAYS PETROLEUM REFINERY + STORAGE WEST EG 265730N 0323015E

106
SECRET

25X1

SECRET []

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25X1 WAC NO : 0447 BE/OBJ NO: [] NPIC NO :
 25X1 IDHS CODE: [] EPF CAT : 30B COMIREX NO:
 AS SUWAYS PETROLEUM REFINERY + STORAGE GROUP EG 295733N 0323044E
 25X1 WAC NO : 0447 BE/OBJ NO: [] NPIC NO : - 8-6
 25X1 IDHS CODE: [] EPF CAT : 80A COMIREX NO:

THE EGYPTIAN PETROLEUM REFINING INDUSTRY CONSISTS OF SIX REFINERIES, FOUR OF WHICH ARE IN OPERATION. THE OTHER TWO WERE DAMAGED BY THE ISRAELIS IN 1967 AND 1969, AND ARE STILL UNDER REPAIR. THE ESTIMATED CRUDE OIL CHARGE CAPACITY OF THE FOUR OPERATING REFINERIES IS 8.5-10.5 MILLION METRIC TONS A YEAR. ALTHOUGH THE FIRST OF THE SIX REFINERIES WAS BUILT IN 1913, THREE OF THEM WERE BUILT AFTER THE 1967 WAR. EGYPTIAN REFINERIES ARE PREDOMINANTLY OF FOREIGN DESIGN AND USE BRITISH, CZECHOSLOVAK, SOVIET, AND SWISS EQUIPMENT. THEY PRODUCE STRAIGHT-RUN AND HIGH-OCTANE GASOLINE, KEROSENE, DIESEL AND FUEL OILS, LUBRICATING OILS, WAX, ASPHALT, AND GASEOUS HYDROCARBONS.

THIS REPORT SUMMARIZES THE GROWTH AND CURRENT STATUS OF THE INDUSTRY. IT ALSO INCLUDES A BRIEF DESCRIPTION AND ANNOTATED PHOTOGRAPH OF EACH REFINERY.

CIA BIIR RCS13-0021-76 JUL 76 SEC CLASS: 05 MSN: 6P ACCN: S077129

KEMEROVO CHEMICAL COMBINE NOVOKHIM UR 552059N 0855854E
 WAC NO : 0161 BE/OBJ NO: [] NPIC NO : - 10-J3
 IDHS CODE: [] EPF CAT : 30F COMIREX NO: []

25X1

KEMEROVO CHEMICAL COMBINE NOVOKHIM PROCESSES FEEDSTOCKS, PROBABLY FROM A NEARBY COKE CHEMICAL PLANT, INTO FIBER FEEDSTOCKS AND FERTILIZERS. ITS MAIN PRODUCTS INCLUDE AMMONIA, CAPROLACTAM, AND METHANOL, AS WELL AS AMMONIUM NITRATE, AMMONIUM SULFATE, AND POSSIBLY UREA FERTILIZERS. THE COMBINE BEGAN OPERATING IN 1960 AND HAS BEEN EXPANDING EVER SINCE. DURING THE 1971-75 FIVE YEAR PLAN, CONSTRUCTION WAS COMPLETED ON SEVERAL OF THE PRODUCTION PLANTS AND ON A THIRD PRILLING TOWER AT THE AMMONIUM NITRATE PLANT.

25X1

CIA BIIR RCS13-0033-76 JUN 76 SEC CLASS: 05 MSN: 6P ACCN: S077130

UFA SYNTHETIC ALCOHOL PLANT UR 545239N 0560650E
 WAC NO : 0165 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 30F COMIREX NO:

UFA SYNTHETIC ALCOHOL PLANT IS A PETROCHEMICAL COMBINE WHICH PROCESSES FEEDSTOCKS FROM NEARBY PETROLEUM REFINERIES INTO POLYETHYLENE, SYNTHETIC ETHYL ALCOHOL, PHENOL, ACETONE, METHYLSTYRENE, AND ACETYLENE. BUTYL ALCOHOL AND SYNTHETIC RUBBER MAY ALSO BE PRODUCED.

THE FIRST PART OF THE PETROCHEMICAL COMBINE TO BEGIN OPERATING WAS THE SYNTHETIC ETHYL ALCOHOL PLANT IN 1956. CONSTRUCTION OF ADDITIONAL PLANTS, INCLUDING TWO IMPORTED FROM [] CONTINUED THROUGH THE 1960S AND EARLY 1970S. DURING THE 1971-75 FIVE YEAR PLAN, A SOVIET-DESIGNED

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POLYETHYLENE PLANT WAS COMPLETED AND THE PRODUCT PURIFICATION SECTION OF ONE OF THE TWO ETHYLENE PLANTS WAS EXPANDED.

THIS REPORT CONTAINS A BRIEF DISCUSSION OF THE COMBINE AND A TABLE SUMMARIZING MAJOR PRODUCTION AREAS. THE TABLE IS KEYED TO A PHOTOGRAPH OF THE COMBINE.

CIA BIIR RCS13-0032-76 JUL 76 SEC CLASS: 05 MSN: 6P ACCN: S077166

SUMGAIT PETROCHEMICAL COMBINE

WAC NO : 0325

BE/OBJ NO:

UR 403640N 0493537E

IDHS CODE:

EPF CAT : 30F

NPIC NO : - 79-E1

COMIREX NO:

SUMGAIT PETROCHEMICAL COMBINE IS PART OF A COMPLEX OF CHEMICAL AND PETROCHEMICAL PROCESSING FACILITIES ON THE CASPIAN SEACOAST ABOUT 35 KILOMETERS (KM) NORTHWEST OF BAKU. THE MAIN PRODUCTS THAT COULD BE IDENTIFIED ARE POLYETHYLENE, GASOLINE, AROMATICS (BTX), AND GASEOUS HYDROCARBONS. TECHNICAL OR CONSTRUCTION DIFFICULTIES APPARENTLY HAVE DELAYED THE START OF SYNTHETIC RUBBER PRODUCTION AT THE COMBINE. THE PETROCHEMICAL COMBINE REPORTEDLY BEGAN OPERATING IN 1963 AND EXPANSION HAS BEEN CONTINUOUS THROUGH MARCH 1976. PARTICULARLY SIGNIFICANT WAS THE EXPANSION DURING THE 1971-75 FIVE YEAR PLAN WHEN CONSTRUCTION WAS STARTED OR COMPLETED ON SIX PROCESSING UNITS.

THIS REPORT INCLUDES A GENERAL DISCUSSION OF THE COMBINE AND A TABLE SUMMARIZING ITS PRODUCTION AREAS AND VOLUMES OF MAJOR PRODUCTION BUILDINGS. THE TABLE IS KEYED TO A PHOTOGRAPH OF THE COMBINE.

AF BIIR RFB22-5007-76 JUN 76 SEC CLASS: 04 MSN: 16P ACCN: S077187

MISSILES, RD-119 MISSILE/SPACE BOOSTER

WAC NO :

BE/OBJ NO:

UR

IDHS CODE:

EPF CAT : 40I

NPIC NO :

COMIREX NO:

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE SOVIET RD-119 LIQUID BIPROPELLANT ROCKET ENGINE. IT INCLUDES A BASIC DESCRIPTION, MENSURAL AND CONFIGURAL ANALYSIS, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY.

THE RD-119 ENGINE IS A LIQUID BIPROPELLANT ROCKET ENGINE WITH A SINGLE-STAGE TURBOPUMP, A SINGLE THRUST CHAMBER AND AN ATTITUDE CONTROL SYSTEM. THE OVERALL ENGINE ASSEMBLY SIZE, INCLUDING THE THRUST CHAMBER, THE TURBOPUMP ASSEMBLY, THE ATTITUDE CONTROL SYSTEM AND THE SUPPORT FRAMEWORK, IS

AF REPT 7-76 19 MAY 76 SEC CLASS: 07 MSN: 2P ACCN: S077195

ELECTRONICS, UHF ANTENNA ARRAY

WAC NO :

BE/OBJ NO:

IDHS CODE:

EPF CAT : 25D

CZ

NPIC NO :

COMIREX NO:

AF ENDR B1016-76 06 JUL 76 SEC CLASS: 08A MSN: 1P ACCN: S077214

108
SECRET

25X1

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25X1

MISSILES, AA-7
WAC NO :
IDHS CODE:BE/OBJ NO: [REDACTED]
EPF CAT : 40JUR
NPIC NO :
COMIREX NO:

CIA BIIR RCS13-0022-76 JUL 76

SEC CLASS: 05 MSN: 8P

ACCN: S077232

25X1

SEVERODONETSK CHEMICAL PLANT
WAC NO : 0234
IDHS CODE: [REDACTED]BE/OBJ NO: [REDACTED]
EPF CAT : 30FUR 485630N 0382758E
NPIC NO : - 39
COMIREX NO:

25X1

LISICHANSK CHEMICAL COMBINE SEVERODONETSK IS ONE OF THE LARGEST PRODUCERS OF NYLON AND PLASTIC FEEDSTOCKS IN THE USSR. THE COMBINE ALSO PRODUCES ALL FOUR TYPES OF NITROGEN FERTILIZERS AND A VARIETY OF OTHER PRODUCTS.

THE CHEMICAL COMBINE BEGAN OPERATING IN THE MID-1950S AND HAS BEEN UNDERGOING EXPANSION ALMOST CONTINUOUSLY SINCE THAT TIME. DURING THE 1971-75 FIVE YEAR PLAN, FOUR NEW PLANTS WERE ADDED TO THE COMBINE.

THIS REPORT INCLUDES A GENERAL DESCRIPTION OF THE COMBINE, A TABLE SUMMARIZING ITS PRODUCTION AREAS AND THE VOLUMES OF MAJOR PRODUCTION BUILDINGS, AND PHOTOGRAPHS OF THE COMBINE.

DIA NBRG NDA07-5028-76 30 JUL 76

SEC CLASS: 056 MSN: 1P

ACCN: S077307

25X1

TAIYUAN MILITARY AREA 1
WAC NO : 0382
IDHS CODE: [REDACTED]BE/OBJ NO: [REDACTED]
EPF CAT : 35CH 3752 N 11233 E
NPIC NO :
COMIREX NO:

25X1

DIA NBRG NDA07-5029-76 30 JUL 76

SEC CLASS: 056 MSN: 1P

ACCN: S077308

25X1

TAIYUAN ARMY BARRACKS + HEADQUARTERS AL9
WAC NO : 0382
IDHS CODE: [REDACTED]BE/OBJ NO: [REDACTED]
EPF CAT : 35ACH 374655N 1123545E
NPIC NO : - 12-C2
COMIREX NO: [REDACTED]

25X1

DIA NBRG NDA07-5030-76 30 JUL 76

SEC CLASS: 056 MSN: 1P

ACCN: S077309

25X1

TAYU ARMY BARRACKS AL1
WAC NO : 0382
IDHS CODE: [REDACTED]BE/OBJ NO: [REDACTED]
EPF CAT : 35ACH 380900N 1124330E
NPIC NO : - 12-S8
COMIREX NO: [REDACTED]

25X1

DIA NBRG NDA07-5031-76 30 JUL 76

SEC CLASS: 056 MSN: 1P

ACCN: S077310

25X1

TAIYUAN ARMY BARRACKS NORTH AL3
WAC NO : 0382

BE/OBJ NO: [REDACTED]

CH 380356N 1123816E
NPIC NO : - 12-C109
SECRET

25X1

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25X1

25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NBRG NDA07-5032-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077311

YUTZU MILITARY AREA 1

25X1 WAC NO : 0382 BE/OBJ NO: [] CH 3742 N 11244 E

25X1 IDHS CODE: [] EPF CAT : [] NPIC NO : []

DIA NBRG NDA07-5033-76 30 JUL 76 COMIREX NO: [] SEC CLASS: 05G MSN: 1P ACCN: S077312

YUTZU ARMY BARRACKS AL2 + HQ INFANTRY D

25X1 WAC NO : 0382 BE/OBJ NO: [] CH 374228N 1124453E

25X1 IDHS CODE: [] EPF CAT : [] NPIC NO : - 16-H

DIA NBRG NDA07-5034-76 30 JUL 76 COMIREX NO: [] SEC CLASS: 05G MSN: 1P ACCN: S077313

TAIYUAN ARMY BARRACKS SE AL2

25X1 WAC NO : 0382 BE/OBJ NO: [] CH 374811N 1123626E

25X1 IDHS CODE: [] EPF CAT : [] NPIC NO : - 12-T

DIA NBRG NDA07-5035-76 30 JUL 76 COMIREX NO: [] SEC CLASS: 05G MSN: 1P ACCN: S077314

YUTZU ARMY BARRACKS AL1

25X1 WAC NO : 0382 BE/OBJ NO: [] CH 374347N 1124431E

25X1 IDHS CODE: [] EPF CAT : [] NPIC NO : - 16-E

DIA NBRG NDA07-5036-76 30 JUL 76 COMIREX NO: [] SEC CLASS: 05G MSN: 1P ACCN: S077315

CHHSIEN ARMY BARRACKS AL1

25X1 WAC NO : 0382 BE/OBJ NO: [] CH 372146N 1121931E

25X1 IDHS CODE: [] EPF CAT : [] NPIC NO : - 12-Z

DIA NBRG NDA07-5037-76 30 JUL 76 COMIREX NO: [] SEC CLASS: 05G MSN: 1P ACCN: S077316

TAIKU ARMY BARRACKS AL1

25X1 WAC NO : 0382 BE/OBJ NO: [] CH 372508N 1123526E

25X1 IDHS CODE: [] EPF CAT : [] NPIC NO : - 19-C

DIA NBRG NDA07-5038-76 30 JUL 76 COMIREX NO: [] SEC CLASS: 05G MSN: 1P ACCN: S077317

HSINHSIEN MILITARY AREA 1

WAC NO : 0382 BE/OBJ NO: [] CH 3824 N 11247 E

NPIC NO : []

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25X1

SECRET [REDACTED]

R-13/76

25X1

25X1 IDHS CODE: [REDACTED] EPF CAT : 35 COMIREX NO:

DIA NBRG NDA07-5039-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077318

HSINHSIEN MILITARY BARRACKS AL1 + HQ INF DIV CH 382513N 1124406E

WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 26-A

25X1 IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5040-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077319

TINGHSIANG ARMY BARRACKS AL3 CH 382940N 1124458E

WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 26-G

25X1 IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5041-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077320

TINGHSIANG ARMY BARRACKS SOUTH AL2 CH 382825N 1125715E

WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 26-B1

25X1 IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5042-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077321

YENTSUN ARMY BARRACKS AL1 CH 381812N 1124230E

WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 26-D3

25X1 IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5043-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077322

CHITSUN ARMY BARRACKS AL1 CH 383224N 1123616E

WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 26-F

25X1 IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5044-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077323

YUANPING MILITARY AREA 1 CH 3842 N 11246 E

WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO :

25X1 IDHS CODE: [REDACTED] EPF CAT : 35 COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5045-76 30 JUL 76 SEC CLASS: 05G MSN: 1P ACCN: S077324

YUANPING MILITARY BARRACKS AL3 + HQ INF DIV CH 384237N 1124128E

WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 15-A2

25X1

111
SECRET [REDACTED]

25X1

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25X1

25X1

IDHS CODE: []

EPF CAT : 35A

COMIREX NO:

DIA NBRG NDA07-5046-76 30 JUL 76

SEC CLASS: 05G MSN:

1P

ACCN: S077325

25X1

FANCHIH ARMY BARRACKS AL1

WAC NO : 0382

BE/OBJ NO: []

CH 391108N 1131500E

NPIC NO : - 88-C

25X1

IDHS CODE: []

EPF CAT : 35A

COMIREX NO: []

SEC CLASS: 05G MSN:

1P

ACCN: S077326

25X1

DIA NBRG NDA07-5047-76 30 JUL 76

25X1

TAIHSIEN ARMY BARRACKS AL1

WAC NO : 0382

BE/OBJ NO: []

CH 390445N 1125728E

NPIC NO : - 130

25X1

IDHS CODE: []

EPF CAT : 35A

COMIREX NO: []

SEC CLASS: 05G MSN:

1P

ACCN: S077327

25X1

DIA NBRG NDA07-5048-76 30 JUL 76

25X1

NINGWU ARMY BARRACKS AL1

WAC NO : 0382

BE/OBJ NO: []

CH 385930N 1121720E

NPIC NO : - 62-C

25X1

IDHS CODE: []

EPF CAT : 35A

COMIREX NO:

SEC CLASS: 05G MSN:

1P

ACCN: S077328

DIA NBRG NDA07-5049-76 30 JUL 76

25X1

KUOHSIEN ARMY BARRACKS AL1

WAC NO : 0382

BE/OBJ NO: []

CH 385320N 1124525E

NPIC NO : - 31-D

25X1

IDHS CODE: []

EPF CAT : 35A

COMIREX NO: []

SEC CLASS: 04 MSN:

1P

ACCN: S077413

25X1

AF ENDR E1017-76 19 JUL 76

25X1

AIRCRAFT, FOXBAT A MIG-25

WAC NO :

BE/OBJ NO: []

UR

NPIC NO :

IDHS CODE:

EPF CAT : 05D

COMIREX NO:

25X6

25X6

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AF ENDR D1018-76 19 JUL 76 SEC CLASS: 04 MSN: 1P ACCN: S077467
MISSILES, AA-6 VARIANTS
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

AF ENDR E1013-76 24 JUN 76 SEC CLASS: 08 MSN: 1P ACCN: S077468
AIRCRAFT, FLOGGER C MIG-23
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

DIA NBRG NDA07-5056-76 31 AUG 76 SEC CLASS: 056 MSN: 1P ACCN: S077518
NERCHINSK TACTICAL SSM BKS AL1 + HQ SS-1 BR6D
WAC NO : 0202 BE/OBJ NO: NPIC NO : - 81
IDHS CODE: EPF CAT : 40B COMIREX NO:

DIA NBRG NDA07-5057-76 31 AUG 76 SEC CLASS: 056 MSN: 1P ACCN: S077519
NERCHINSKIY ZAVOD ARMY BARRACKS WEST AL1
WAC NO : 0202 BE/OBJ NO: NPIC NO : - 208
IDHS CODE: EPF CAT : 35A COMIREX NO:

DIA NBRG NDA07-5058-76 31 AUG 76 SEC CLASS: 056 MSN: 1P ACCN: S077520
DOSATUY ARMY BARRACKS AL1
WAC NO : 0202 BE/OBJ NO: NPIC NO : - 219
IDHS CODE: EPF CAT : 35A COMIREX NO:

DIA NBRG NDA07-5050-76 23 AUG 76 SEC CLASS: 05B MSN: 1P ACCN: S077532
BATUMI ARMY BARRACKS EAST AL1
WAC NO : 0324 BE/OBJ NO: NPIC NO : - 3-A
IDHS CODE: EPF CAT : 35A COMIREX NO:

DIA NBRG NDA07-5051-76 23 AUG 76 SEC CLASS: 05B MSN: 1P ACCN: S077533
BATUMI ARMY BARRACKS GOGOL UL AL6
WAC NO : 0324 BE/OBJ NO: NPIC NO : - 3-H
IDHS CODE: EPF CAT : 35A COMIREX NO:

113
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DIA NBRG NDA07-5052-76 23 AUG 76 SEC CLASS: 05B MSN: 1P ACCN: S077534
BATUMI ARMY BARRACKS WEST AL2 UR 413800N 0413707E
WAC NO : 0324 BE/OBJ NO: NPIC NO : - 3-I
IDHS CODE: EPF CAT : 35A COMIREX NO:
25X1 25X1
DIA NBRG NDA07-5053-76 23 AUG 76 SEC CLASS: 05B MSN: 1P ACCN: S077535
BATUMI ARMY BARRACKS SOUTH AL3 UR 413547N 0413811E
WAC NO : 0324 BE/OBJ NO: NPIC NO : - 3-B2
IDHS CODE: EPF CAT : 35A COMIREX NO:
25X1 25X1
DIA NBRG NDA07-5054-76 23 AUG 76 SEC CLASS: 05B MSN: 1P ACCN: S077536
BATUMI ARMY BARRACKS AL9 UR 413650N 0413550E
WAC NO : 0324 BE/OBJ NO: NPIC NO : - 3-B3
IDHS CODE: EPF CAT : 35A COMIREX NO:
25X1 25X1
DIA NBRG NDA07-5055-76 23 AUG 76 SEC CLASS: 05B MSN: 1P ACCN: S077537
BATUMI MILITARY BARRACKS AL13 UR 413440N 0413920E
WAC NO : 0324 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35A COMIREX NO:
25X1 25X1
DIA IIM 5D-05442-76 30 AUG 76 SEC CLASS: 05 MSN: 4P ACCN: S077552
WALVISBAI PETROLEUM PRODUCTS STORAGE SF 225636S 0143046E
WAC NO : 1273 BE/OBJ NO: NPIC NO : - 2-B
IDHS CODE: EPF CAT : 80A COMIREX NO:
25X1 25X1
CIA INFR TSD177-76 25 AUG 76 SEC CLASS: 05 3P ACCN: S077602
KAZACH YA BUKHTA DOLPHIN RESEARCH COMPLEX UR 443448N 0332418E
WAC NO : 0250 BE/OBJ NO: NPIC NO : - 63-A3
IDHS CODE: EPF CAT : 75F COMIREX NO:
25X1 25X1
KAZACH YA BUKHTA DOLPHIN RESEARCH COMPLEX UR 443448N 0332418E
WAC NO : 0250 BE/OBJ NO: NPIC NO : - 63-A3
IDHS CODE: EPF CAT : 65A COMIREX NO:
25X1 25X1
KARADAG BIOLOGICAL STATION DOLPHIN TRNG FACIL UR 445449N 0351228E
WAC NO : 0249 BE/OBJ NO: NPIC NO : - 7-A1
IDHS CODE: EPF CAT : 65A COMIREX NO:
25X1 25X1
KARADAG BIOLOGICAL STATION DOLPHIN TRNG FACIL UR 445449N 0351228E

114

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25X1

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WAC NO : 0249 BE/OBJ NO: NPIC NO : - 7-A1
IDHS CODE: EPF CAT : 75F COMIREX NO:

25X1

DIA IIM 5D-05497-76 14 SEP 76 SEC CLASS: 05 MSN: 4P ACCN: S077660

WALVISBAAI POL STORAGE CENTRAL GROUP SF 225705S 0143005E
WAC NO : 1273 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 80A COMIREX NO:

ARMY BIIB BAC24-5002-76 SEP 76 SEC CLASS: 07 MSN: 2P ACCN: S077663

MILITARY, T-72 MEDIUM TANK UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS BASIC IMAGERY INTERPRETATION BRIEF (BIIB) DESCRIBES THE NEW SOVIET MEDIUM TANK, THE T-72. THE BIIB CONSISTS OF AN INTRODUCTION, A BASIC DESCRIPTION, A CONCLUSION, REFERENCE DATA, AND A PHOTOGRAPH. THE BIIB IS BASED ON HAND-HELD PHOTOGRAPHY AND COLLATERAL MATERIAL CURRENT AS OF

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CIA BIIR RCS13-0035-76 AUG 76 SEC CLASS: 05 MSN: 8P ACCN: S077667

NOVOMOSKOVSK CHEMICAL COMBINE UR 540509N 0381106E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 78-A
IDHS CODE: EPF CAT : 30F COMIREX NO:

NOVOMOSKOVSK CHEMICAL COMBINE PRODUCES SYNTHETIC FIBER AND PLASTICS FEEDSTOCKS, SOLVENTS, AND FERTILIZERS. ITS MAIN PRODUCTS INCLUDE AMMONIA, DIMETHYLTEREPHTHALATE, POLYVINYL CHLORIDE, AND TRICHLOROETHANE, AS WELL AS AMMONIUM NITRATE, UREA, AND NITROGEN-PHOSPHOROUS-POTASSIUM FERTILIZERS. THE COMBINE MAY ALSO PRODUCE HYDRAZINE.

THE COMBINE REPORTEDLY BEGAN OPERATION IN 1933 AND HAS BEEN EXPANDED SEVERAL TIMES SINCE THEN. DURING THE 1971-75 FIVE YEAR PLAN, TWO IMPORTED AMMONIA PLANTS, A NITRIC ACID PLANT, AND AN AMMONIUM NITRATE PLANT WERE CONSTRUCTED. SEVERAL PRODUCTION PLANTS THAT WERE BEGUN PRIOR TO 1971 WERE ALSO COMPLETED DURING THE PERIOD.

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25X1

25X6

DIA	NBRG	NDA07-5088-76	15 SEP 76	SEC CLASS: 05B	MSN:	1P	ACCN: S077684
		LENINAKAN ARMY BARRACKS AL6		UR	404657N 0434949E		
		WAC NO : 0325	BE/OBJ NO: []	NPIC NO : -	34-C1		
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []			25X1
DIA	NBRG	NDA07-5089-76	15 SEP 76	SEC CLASS: 05B	MSN:	1P	ACCN: S077685
		TERMEZ ARMY BARRACKS AL3		UR	371345N 0671710E		
		WAC NO : 0336	BE/OBJ NO: []	NPIC NO : -	8-D		
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO:			25X1
DIA	NBRG	NDA07-5090-76	15 SEP 76	SEC CLASS: 05B	MSN:	1P	ACCN: S077686
		SEMIPALATINSK ARMY BARRACKS AL2		UR	502305N 0801640E		
		WAC NO : 0239	BE/OBJ NO: []	NPIC NO : -	8-B3		
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []			25X1
DIA	NBRG	NDA07-5091-76	15 SEP 76	SEC CLASS: 05B	MSN:	1P	ACCN: S077687
		ITATKA ARMY BARRACKS AL4		UR	570100N 0853847E		
		WAC NO : 0158	BE/OBJ NO: []	NPIC NO : -	10-A8		
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO:			25X1
DIA	NBRG	NDA07-5092-76	15 SEP 76	SEC CLASS: 05B	MSN:	1P	ACCN: S077688
		BIYSK ARMY TRAINING AREA TA1		UR	523000N 0852500E		

116
SECRET/

25X1

SECRET

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25X1

25X1 WAC NO : 0161 BE/OBJ NO: NPIC NO : - 6-C
25X1 IDHS CODE: EPF CAT : 35B COMIREX NO: 25X1

DIA NBRG NDA07-5093-76 15 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077689

BIYSK ARMY BARRACKS AL3
25X1 WAC NO : 0161 BE/OBJ NO: NPIC NO : - 6-E4
25X1 IDHS CODE: EPF CAT : 35A COMIREX NO: 25X1

DIA NBRG NDA07-5094-76 15 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077690

DZERZHINSK TACTICAL SSM BARRACKS SE AL2
25X1 WAC NO : 0168 BE/OBJ NO: NPIC NO : - 101
25X1 IDHS CODE: EPF CAT : COMIREX NO: 25X1

DIA NBRG NDA07-5095-76 15 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077691

NADAROVSKIY ARMY BARRACKS BILYUTIN AL1
25X1 WAC NO : 0202 BE/OBJ NO: NPIC NO : - 204
25X1 IDHS CODE: EPF CAT : COMIREX NO: 25X1

DIA NBRG NDA07-5096-76 15 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077692

SHIMANOVSK ARMY BARRACKS AL2
25X1 WAC NO : 0203 BE/OBJ NO: NPIC NO : - 25-A1
25X1 IDHS CODE: EPF CAT : COMIREX NO: 25X1

DIA NBRG NDA07-5097-76 15 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077693

USSURIYSK BORDER GUARDS BARRACKS AL1
25X1 WAC NO : 0291 BE/OBJ NO: NPIC NO : - 49-H2
25X1 IDHS CODE: EPF CAT : COMIREX NO: 25X1

DIA NBRG NDA07-5105-76 30 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077753

ASHKHABAD ARMY BARRACKS AL6
25X1 WAC NO : 0338 BE/OBJ NO: NPIC NO : - 2-N
25X1 IDHS CODE: EPF CAT : COMIREX NO: 25X1

DIA NBRG NDA07-5106-76 30 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077754

BUZULUK ARMY BARRACKS AL1
UR 524730N 0521320E

117
SECRET

25X1

SECRET

R-13/76

25X1

25X1 WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 8-B
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

DIA NBRG NDA07-5107-76 30 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077755

KAZAN ARMY TRAINING CENTER SE TA1 UR 554157N 0491630E
25X1 WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 14-Q
25X1 IDHS CODE: [] EPF CAT : 35B COMIREX NO: []

DIA NBRG NDA07-5108-76 30 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077756

KUNGUR ARMY BARRACKS AL1/SAM SUPPORT FACILITY UR 572510N 0565740E
25X1 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 14-B
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

KUNGUR ARMY BARRACKS AL1/SAM SUPPORT FACILITY UR 572510N 0565740E
25X1 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 14-B
25X1 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

DIA NBRG NDA07-5109-76 30 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077757

SVERDLOVSK ARMY BARRACKS PYSHMA AL8 UR 565815N 0603620E
25X1 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 26-Z2
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

DIA NBRG NDA07-5110-76 30 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077758

NALCHIK ARMY BARRACKS NE AL1 UR 432957N 0433816E
25X1 WAC NO : 0325 BE/OBJ NO: [] NPIC NO : - 42-A
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

DIA NBRG NDA07-5117-76 30 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077759

ISHIM ARMY BARRACKS AL1 UR 560640N 0692820E
25X1 WAC NO : 0157 BE/OBJ NO: [] NPIC NO : - 4-A2
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

118
SECRET

25X1

SECRET

R-13/76

25X1
25X6

AF ENDR C3007-76 20 AUG 76 SEC CLASS: 07 MSN: 1P ACCN: S077811
AIRCRAFT, FISHBED H MIG-21 VENTRAL PODS NEW UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:
AF ENDR E1005-1-75 21 JUL 76 SEC CLASS: 04 MSN: 1P ACCN: S077819
AIRCRAFT, FOXBAT B MIG-25 UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

119
SECRET

25X1

SECRET

R-13/76

25X1

AF ENDR E1006-1-75 21 JUL 76 SEC CLASS: 04 MSN: 1P ACCN: S077820

AIRCRAFT, FOXBAT C MIG-25

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

AF ENDR E3005-76 25 AUG 76 SEC CLASS: 05 MSN: 1P ACCN: S077825

AIRCRAFT, HOOK MI-6 ELECTRONIC MODIFICATIONS

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

ARMY NOTE 11-76 SEP 76 SEC CLASS: 05 MSN: 3P ACCN: S077830

AIRCRAFT, HELICOPTER HEAVY-LIFT PROTOTYPE NEW

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:
UR 554105N 0375120E
NPIC NO : - 46-E
COMIREX NO: [REDACTED]

MOSKVA/LYUBERTSY AIRFIELD HELICOPTER NEW

WAC NO : 0167
IDHS CODE: [REDACTED]

BE/OBJ NO: [REDACTED]
EPF CAT : 05A

25X1

ARMY REPT RAC24-8002-76 APR 76 SEC CLASS: 05 MSN: 23P ACCN: S077831

MILITARY, OBSTACLE COURSES

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 35B

UR
NPIC NO :
COMIREX NO:

MILITARY, OBSTACLE COURSES

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 35B

PL
NPIC NO :
COMIREX NO:

MILITARY, OBSTACLE COURSES

WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 35B

HU
NPIC NO :
COMIREX NO:

MILITARY, OBSTACLE COURSES

WAC NO :

BE/OBJ NO:

RO
NPIC NO :

120
SECRET

25X1

SECRET/ []

R-13/76

25X1

IDHS CODE:	EPF CAT : 35B	COMIREX NO:
MILITARY, OBSTACLE COURSES		CZ
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35B	COMIREX NO:
MILITARY, OBSTACLE COURSES		BU
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35B	COMIREX NO:

THIS PUBLICATION CONTAINS PHOTOGRAPHS AND LINE DRAWINGS OF BASIC AND SPECIALIZED OBSTACLE COURSES USED BY GROUND FORCES OF THE SOVIET UNION AND OTHER WARSAW PACT COUNTRIES. THE INFORMATION CONTAINED IN THIS REPORT IS CURRENT []

25X1

ARMY REPT RAC24-8003-76

JUL 76

SEC CLASS: 05 MSN:

15P

ACCN: S077832

MILITARY, GMZ ARMORED TRACKED MINELAYER	UR
WAC NO :	BE/OBJ NO: []
IDHS CODE:	EPF CAT : 35E
	NPIC NO :
	COMIREX NO:

25X1

THIS REPORT PROVIDES A DETAILED DESCRIPTION AND ANALYSIS OF THE CHARACTERISTICS AND OPERATIONAL PROCEDURES OF THE ORIGINAL AND THE MODIFIED VERSIONS OF THE SOVIET GMZ ARMORED TRACKED MINELAYER. THE GMZ IS THE FIRST TRACKED, SELF-PROPELLED MINELAYER TO APPEAR IN THE SOVIET INVENTORY, AND NOW IS CONSIDERED TO BE STANDARD EQUIPMENT. THE GMZ CAPABILITY OF RAPID MINE EMPLACEMENT CLOSE TO THE BATTLEFRONT, TOGETHER WITH FULL ARMORED PROTECTION FOR THE CREW, SIGNIFICANTLY IMPROVES THE SOVIET MINE WARFARE CAPABILITY. INFORMATION CONTAINED IN THIS REPORT WAS DERIVED FROM SELECTED GROUND AND AERIAL IMAGERY AND INTELLIGENCE REPORTS.

THIS REPORT CONTAINS ANNOTATED PHOTOGRAPHS, A PHYSICAL DESCRIPTION, A FUNCTIONAL DESCRIPTION, A LINE DRAWING WITH DIMENSIONS, AND A REFERENCE SECTION. DATA ARE CURRENT []

25X1

ARMY REPT RAC24-8004-76

AUG 76

SEC CLASS: 05 MSN:

12P

ACCN: S077833

VYPOLZOV MILITARY TRNG AREA 1 KIEV AA RANGE	UR	510130N 0304428E
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 81
IDHS CODE: []	EPF CAT : 35B	COMIREX NO: []
MILITARY, AA GUNNERY RANGE LOW-ALTITUDE	UR	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35B	COMIREX NO:

25X1

25X1

25X1

THIS DSIIR PROVIDES INFORMATION ABOUT A SOVIET LOW-ALTITUDE ANTI-AIRCRAFT GUNNERY TRAINING RANGE LOCATED AT VYPOLZOV TRAINING AREA 1, KIEV NNE, NORTH OF VYPOLZOV ARMY BARRACKS AL 1 IN THE KIEV MILITARY DISTRICT. THE RANGE CONFIGURATION INDICATES THAT THE SOVIETS ARE DEVELOPING TACTICS TO COUNTER THE THREAT POSED TO THEIR ARMORED FORCES BY US AIRCRAFT, ESPECIALLY ATTACK HELICOPTERS. VYPOLZOV ARMY BARRACKS AL 1 HOUSES A TANK-TRAINING DIVISION AND IS A MAJOR SOVIET ARMORED TRAINING CENTER. ONE OF THE FIRST

121
SECRET/ []

25X1

SECRET

R-13/76

25X1

DEPLOYMENTS OF THE T-72 (M-1970) TANK OCCURRED THERE [REDACTED]
INCLUDED ARE ANNOTATED PHOTOS, A BASIC DESCRIPTION, AND REFERENCE DATA. INFORMATION USED IS CURRENT AS
OF [REDACTED]

25X1

25X1

AF BREF BEE05-8015-76 21 JUN 76

SEC CLASS: 05 MSN:

4P

ACCN: 5077845

BALKHASH AIRFIELD HANGARETTE CONSTRUCTION

UR 465331N 0750017E

WAC NO : 0244

BE/OBJ NO: [REDACTED]

NPIC NO : - 4-A

IDHS CODE: [REDACTED]

EPF CAT : 05A

COMIREX NO: [REDACTED]

25X1

THIS DIRECT SUPPORT IMAGERY INTERPRETATION BRIEF (DSIIB) PRESENTS GENERAL INFORMATION ON THE
CONSTRUCTION OF CORRUGATED STEEL ARCH HANGARETTES AT BALKHASH AIRFIELD, USSR. THE INFORMATION PRESENTED IS
DERIVED FROM SATELLITE PHOTOGRAPHY AND IS CURRENT [REDACTED] THIS REPORT INCLUDES A BASIC
DESCRIPTION AND ANNOTATED PHOTOS OF BALKHASH AIRFIELD AND HANGARETTE CONSTRUCTION ACTIVITY THERE.

25X1

25X1

122
SECRET

25X1

25X1

Approved For Release 2005/11/21 : CIA-RDP78B04560A007500010005-8

Approved For Release 2005/11/21 : CIA-RDP78B04560A007500010005-8

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R-13/76

25X1

25X1

DIA	NBRG	NDA07-5060-76	20 SEP 76	SEC CLASS: 05G	MSN:	1P	ACCN: S077867
25X1	SHIHCHUANG MILITARY AREA 1			CH	3803 N 11429 E		
25X1		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO :			
		IDHS CODE: [REDACTED]	EPF CAT : 35	COMIREX NO:			
DIA	NBRG	NDA07-5061-76	20 SEP 76	SEC CLASS: 05G	MSN:	1P	ACCN: S077868
25X1	SHIHCHUANG ARMY BARRACKS WEST AL3 + HQ			CH	380220N 1142530E		
25X1		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : -	11-H		
		IDHS CODE: [REDACTED]	EPF CAT : 35A	COMIREX NO: [REDACTED]			25X1
DIA	NBRG	NDA07-5062-76	20 SEP 76	SEC CLASS: 05G	MSN:	1P	ACCN: S077869
25X1	YUANSHIH ARMY BARRACKS NE AL1			CH	374545N 1143232E		
25X1		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : -	17-A		
		IDHS CODE: [REDACTED]	EPF CAT :	COMIREX NO: [REDACTED]			25X1
DIA	NBRG	NDA07-5063-76	20 SEP 76	SEC CLASS: 05G	MSN:	1P	ACCN: S077870
25X1	YUANSHIH ARMY BARRACKS AL2			CH	374710N 1142020E		
25X1		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : -	17-C		
		IDHS CODE: [REDACTED]	EPF CAT :	COMIREX NO: [REDACTED]			25X1
DIA	NBRG	NDA07-5064-76	20 SEP 76	SEC CLASS: 05G	MSN:	1P	ACCN: S077871
25X1	PINGSHAN ARMY BARRACKS AL2			CH	381440N 1141120E		
		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : -	36-A1		
		IDHS CODE: [REDACTED]	EPF CAT :	COMIREX NO: [REDACTED]			25X1
DIA	NBRG	NDA07-5065-76	20 SEP 76	SEC CLASS: 05G	MSN:	1P	ACCN: S077872
25X1	HSINGTAI MILITARY AREA 1			CH	3703 N 11430 E		
		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO :			
		IDHS CODE: [REDACTED]	EPF CAT :	COMIREX NO:			
DIA	NBRG	NDA07-5066-76	20 SEP 76	SEC CLASS: 05G	MSN:	1P	ACCN: S077873
	HSINGTAI ARMY BARRACKS AL1 + HQ INFANTRY DIV			CH	370450N 1142815E		

124
SECRET/

25X1

SECRET

R-13/76

25X1

25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 50-A3
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO:
DIA NBRG NDA07-5067-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077874
HSINGTAI ARMY BARRACKS AL7 CH 370313N 1142725E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 50-E7
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1
DIA NBRG NDA07-5068-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077875
HSINGTAI ARMY BARRACKS AL5 CH 370526N 1142644E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 50-A2
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO:
DIA NBRG NDA07-5069-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077876
HSINGTAI ARMY BARRACKS AL6 CH 370703N 1142712E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 50-A5
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1
DIA NBRG NDA07-5070-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077877
NEICHIU ARMY BARRACKS NNE AL1 CH 372220N 1143116E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 47
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1
DIA NBRG NDA07-5071-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077878
HSINGTAI ARMY BARRACKS AL4 CH 370439N 1142733E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 50
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1
DIA NBRG NDA07-5072-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077879
HANTAN MILITARY AREA 1 CH 3635 N 11429 E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO :
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO:
DIA NBRG NDA07-5073-76 76 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077880
HANTAN ARMY BARRACKS AL3 + HQ INFANTRY DIV CH 363820N 1141730E

125
SECRET

25X1

SECRET [REDACTED]

R-13/76

25X1

25X1 WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 48-N
25X1 IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5074-76 20 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077881

25X1 HANTAN ARMY BARRACKS AL11 CH 364040N 1141510E
25X1 WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 48-N1
IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED]

DIA NBRG NDA07-5075-76 20 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077882

25X1 HANTAN ARMY BARRACKS WNW AL2 CH 363701N 1142654E
25X1 WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 48
IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5076-76 20 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077883

25X1 HANTAN ARMY BARRACKS WEST AL4 CH 363616N 1142506E
25X1 WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 48-J1
IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5077-76 20 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077884

25X1 HANTAN ARMY BARRACKS NORTH AL1 CH 364014N 1142752E
25X1 WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 48-A1
IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5078-76 20 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077885

25X1 HANTAN ARMY BARRACKS AL14 CH 364500N 1142129E
25X1 WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 48-A3
IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5079-76 20 SEP 76 SEC CLASS: 05G MSN: 2P ACCN: S077886

25X1 HANTAN ARMY BARRACKS WEST AL5 CH 363652N 1142416E
25X1 WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 48-J
IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA NBRG NDA07-5080-76 20 SEP 76 SEC CLASS: 05G MSN: 1P ACCN: S077887

HUOLU MILITARY AREA 1 CH 3805 N 11418 E

126
SECRET [REDACTED]

25X1

SECRET

R-13/76

25X1

25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO :
25X1 IDHS CODE: [] EPF CAT : 35 COMIREX NO:

DIA NBRG NDA07-5081-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077888

HUOLU MILITARY BARRACKS AL1 + HQ INFANTRY DIV CH 380526N 1141807E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 29-A
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO:

DIA NBRG NDA07-5082-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077889

PINGCHIUTSUN ARMY BARRACKS AL1 CH 381030N 1142350E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 11-P
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO:

DIA NBRG NDA07-5083-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077890

HUOLU ARMY BARRACKS AL6 CH 380244N 1142212E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 29-A5
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NBRG NDA07-5084-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077891

HUOLU ARMY BARRACKS AL4 CH 380600N 1142040E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 29-A3
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NBRG NDA07-5085-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077892

HUOLU ARMY BARRACKS AL3 CH 380718N 1141954E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 29-A2
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NBRG NDA07-5086-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077893

HUOLU ARMY BARRACKS AL5 CH 380337N 1141950E
25X1 WAC NO : 0382 BE/OBJ NO: [] NPIC NO : - 29-A4
25X1 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NBRG NDA07-5087-76 20 SEP 76 SEC CLASS: 056 MSN: 1P ACCN: S077894

HUOLU ARMY BARRACKS AL2 CH 380610N 1141828E

127
SECRET

25X1

SECRET

R-13/76

25X1

25X1
25X1

WAC NO : 0382 BE/OBJ NO: NPIC NO : - 29-A1
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1

DIA NBRG NDA07-5098-76 24 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077895

25X1
25X1

TYUMEN ARMY BARRACKS AL1
WAC NO : 0156 BE/OBJ NO: NPIC NO : - 28-A1
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1

DIA NBRG NDA07-5099-76 24 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077896

25X1
25X1

KAZANDZHIK ARMY BARRACKS AL1
WAC NO : 0338 BE/OBJ NO: NPIC NO : - 13-A
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1

DIA NBRG NDA07-5100-76 24 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077897

25X1
25X1

LOLOTAN ARMY BARRACKS AL1
WAC NO : 0337 BE/OBJ NO: NPIC NO : - 39
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1

DIA NBRG NDA07-5101-76 24 SEP 76 SEC CLASS: 05B MSN: 1P ACCN: S077898

25X1
25X1

ASHKHABAD ARMY BARRACKS WEST AL1/SAM SUPPORT
WAC NO : 0338 BE/OBJ NO: NPIC NO : - 2-R
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1

25X1
25X1

ASHKHABAD ARMY BARRACKS WEST AL1/SAM SUPPORT
WAC NO : 0338 BE/OBJ NO: NPIC NO : - 2-R
IDHS CODE: EPF CAT : 40C COMIREX NO:

25X6

25X1

128
SECRET

25X1

SECRET

R-13/76

25X1

DIA NBRG NDA07-5104-76 30 SEP 76

SEC CLASS: 05B MSN:

1P

ACCN: S077901

ASHKHABAD ARMY BARRACKS AL2/HQ ARTILLERY DIV

UR 375742N 0582023E

WAC NO : 0338

BE/OBJ NO:

NPIC NO : - 2-B

IDHS CODE:

EPF CAT : 35A

COMIREX NO:

25X1

ARMY TP

TP001-76

SEP 76

SEC CLASS: 04 MSN:

19P

ACCN: S077904

PHOTO, AN/APS-94D IMAGERY ELCT INTERFERENCE

WAC NO :

BE/OBJ NO:

NPIC NO :

IDHS CODE:

EPF CAT : 65

COMIREX NO:

ELECTRONICS, INTERFERENCE AN/APS-94 IMAGERY

WAC NO :

BE/OBJ NO:

NPIC NO :

IDHS CODE:

EPF CAT : 25A

COMIREX NO:

THIS TECHNICAL PUBLICATION HAS BEEN PREPARED TO AID IMAGE INTERPRETERS IN ASSESSING THE IMPACT OF ELECTRONIC INTERFERENCE ON THE INTERPRETATION OF AN/APS-94D SLAR IMAGERY. SINCE THE SIMILARITY BETWEEN MOVING TARGET DATA AND INTERFERENCE PATTERNS REQUIRES A MORE DISCRIMINATING TECHNIQUE OF INTERPRETATION, THE PUBLICATION CONTAINS A BRIEF REVIEW OF MOVING TARGET PRINCIPLES AND INTERFERENCE PATTERNS. EXAMPLES OF INTERFERENCE ON SLAR IMAGERY COLLECTED IN CONUS AND EUROPE ARE COMPARED WITH MOVING TARGET DATA. THE POTENTIAL VULNERABILITY OF THE AN/APS-94D TO STATE-OF-THE-ART ELECTRONIC COUNTERMEASURES (ECM) IS ILLUSTRATED BY IMAGERY RECORDED IN A TEST OF TWO SOVIET ECM TRANSMITTERS.

THE PUBLICATION CONCLUDES THAT OPERATIONAL AN/APS-94D IMAGERY, AVAILABLE TO DATE, HAS NOT CONTAINED EXAMPLES OF ELECTRONIC INTERFERENCE OF SUFFICIENT SATURATION TO PRECLUDE IMAGE INTERPRETERS FROM DETECTING MOVING TARGETS, ONCE THE INTERPRETERS ARE FAMILIAR WITH THE VARIOUS SIGNATURE PATTERNS. INTERFERENCE CAUSED BY THE SOVIET TUB BRICK AND KING PIN ECM TRANSMITTERS WAS EFFECTIVE, HOWEVER, IN OBLITERATING ALL DETAILS FOR SEVERAL MINUTES ON BOTH MOVING AND FIXED TARGET IMAGERY.

129
SECRET

25X1

List of Conversion Factors by Classification

UNITS OF LENGTH

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

UNITS OF MASS

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

UNITS OF VOLUME

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

UNITS OF AREA

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

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